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Ohio University TODAY

for all alumni and friends of Ohio University

State Budget Squeeze Hits University

Subsidy Cuts of Seven Percent Compound Chronic Underfunding

Ohio's current recession has had particularly severe consequences for the state's universities. Funding cuts of three percent in July and another three percent in November were levied on higher education and mental health as the state struggled to maintain a balanced budget.

When falling revenue demanded further measures in December, universities received another one percent cut in a state-wide move that included imposing an additional one percent sales tax during the remainder of the fiscal year.

For Ohio University, cuts totaling seven percent in expected state support amounted to \$2.6 million, a significant mid-year reduction for an institution with about 80 percent of its budget in personnel costs and an operational budget already squeezed by rising utility costs.

Anticipating some loss of income from the state's depressed coffers, Ohio University's administration imposed spending restraints last July and increased them as the cuts mounted.

Help in meeting the initial cut came from tuition and fee income from higher-than-estimated summer and fall enrollment.

All together, spending restraints and tuition income above estimates were sufficient to cover 80 percent, or \$2,087,000 of lost state subsidy.

Students were asked to make up the remaining 20 percent, or \$523,000 of withdrawn income. Tuition and fees were raised effective spring quarter, with increases ranging from \$35 on the regional campuses to \$45 for graduate students.

The state cuts in November and December sliced deeply into college and departmental operating funds, President Charles J. Ping noted. "The costs in program support became very high."

Spending reductions involved a virtual freeze on vacant positions, curtailment of overtime, reductions in supplies budgets and deferral of already deferred maintenance.

In open meetings across campus, Ping explained budget reduction consequences. He reported that 72 full- or part-time teaching staff had not been appointed throughout the University, and 150 sections of courses were not being offered. In non-instructional areas, 25 positions had been left unfilled.

Equipment dollars, "already meager," according to Ping, "are now virtually nonexistent." He termed the continued underfunding of maintenance "a dangerous practice."

The president called attention to several positive factors that augmented "our ability to deal with a reduction of such magnitude."

In addition to increases in enrollment and retention and some carry-forward funds, he cited private support given the University. Although private gifts are not available to solve budget problems, the president said the funds do address the basic issue of preserving and improving quality. Annual giving topped \$1 million in the first six months of the year, and income from the University's endowment is just under \$3 million this year, Ping reported. (See story page 3.)

Unless the economy improves or tax reform or new taxes are instituted, the picture for state appropriations for 1981-83 is bleak, he said.

Public statements by legislative leaders have supported the president's forecast since they suggest very tight dollars and, at best, a continuation budget for the next two years.

This discouraging forecast threatens implementation of a revised funding formula accepted by the Board of Regents in September and used by the board in its recommendation for funding higher education during the next biennium. The plan is generally viewed as an important effort at reform.

In light of the uncertain prospects, the University will prepare recommendations for a 1981-82 budget based on a range of income estimates, Ping said.

At the low end is a continuation budget providing only the present level of funding, or 93 percent of the 1980-81 appropriation (which is \$3.1 million under subsidy entitlement).

A suggested high figure for planning purposes provides an increase that would fully fund actual enrollment plus an inflationary hike to partially offset increased costs.

According to the president, the budget process is further complicated by the legislative schedule for delivering an appropriations bill. Although due by July 1, the uncertain economic climate may delay state funding decisions until well into the summer.

The president said he will continue to make the case for Ohio University and Ohio higher education during the coming months. "My role is to describe the needs of the University as persuasively as possible."

"We must make the financing problems real and show that lack of funding will have consequences for the state as well as the universities," he said.

Ping said he will not limit his efforts to the legislature but will hold public meetings in regional campus cities and will talk to service and alumni groups.

"The universities have to build public understanding of the problem and support for additional funding," Ping said. "We cannot quietly accept the conservative approach or it could become a self-fulfilling prophecy."



Ohio Fiscal Facts

Chronic underfunding by the state, this year's three budget cuts and uncontrollable cost increases all contribute to the budget problems of Ohio University and the other state universities. The following facts highlight the problem.

• Ohio's per capita funding of higher education is \$67 as opposed to the national average of \$95.

• Funding per Ohio student of \$1,838 contrasts with the national average of \$2,177. Comparative figures for other Midwest states show Wisconsin at \$2,523 per student, Michigan at \$2,194, Indiana at \$2,122, and Illinois at \$2,396.

• For the second year Ohio has also failed to fund actual enrollment, the product of underestimating enrollment in the appropriations bill two years ago. The result is \$21 million in underfunding for the state as a whole.

• For Ohio University, underfunding in earned subsidy for 1980-81 is \$3.1 million.

• During the current fiscal year, the state has applied three budget cuts totaling 7 percent to achieve a balanced budget. Cuts of 3 percent in July and 3 percent in November were applied only to higher education and mental health.

• A December reduction of 1 percent was applied to all state funding, plus 3 percent for elementary and secondary education welfare was excluded.

• The impact of increased operating costs is a major factor for the University. For example, the costs of library books and periodicals have risen from last year to this by over 20 percent.

• Utilities costs for the University have increased by an estimated 15 percent.

• Overall inflationary increases from one year to the next are on the order of 14 to 18 percent.

• State subsidies, which account for roughly two-thirds of the instructional budget, were increased in the appropriation bill for this year by approximately 7.5 percent. The subsequent cuts totaling 7 percent leave a net .5 percent increase in state funding.

• Student charges, which account for a third of the instructional budget, went up 12 percent last year.

• In terms of real income, the net change is a negative 14 percent.

Inside: University's Scientists and Engineers Work on National Energy and Pollution Problems

First of a
Two-Part
Series on
Research

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The President's Annual Report — Quality Depends on Making Judgments

The following is an abridged version of President Charles J. Ping's annual "State of the University" address. Copies of the complete text are available from the President's Office, Cutler Hall, Athens 45701.

"Quality" is a word often used on campus, seldom defined, and even more rarely tested. How is quality to be described and assessed? Can the process of defining and measuring be used to shape the future? These questions are central to a growing national debate.

Reflections on issues of academic quality belong, I believe, on campus, not in councils subject to political life. However, to keep the review on campus, the conclusions reached must have consequences for university life. Further, I believe, the ways we think about and answer questions of quality provide the best descriptions of the state of the university.

Three possible components of the question exist: meaning, measure, use—but they are so linked that to discuss one is to discuss all three. If there is no way to utilize the definition of quality, then it remains inert, an idea from which nothing follows.

Ohio University has made an institutional commitment to growth in quality; the theme is central to our Educational Plan. The commitment is joined immediately to making judgments—thoughtful and sometimes hard judgments based on analysis and criticism.

Reputation and Resources as Measure

Four views have dominated educational research on issues of institutional quality: 1) the reputational view; 2) the resources view; 3) the outcomes view; 4) the value added view. But most of the ways researchers think and talk about quality in university life have few practical consequences. For example, one of the common devices is to ask a representative group to rank departments or professional schools.

A second approach to defining and measuring quality uses human and material resources as the basis for judgment. In the folklore of higher education, institutions with prominent individuals on the faculty, large endowments, major library collections, large operating budgets and generous external research support are institutions of outstanding quality. Reputation and resources are, in ordinary usage, what is meant by quality.

However, the simplistic equation behind this definition is suspect. Richness of resource is not a measure of educational quality; at best it is a comparative measure describing a potential for quality. The more creditable measure is how the resources are used.

We have a strong, well-credentialed and productive faculty. But the test of this resource is the relation between faculty and students here, and the actual work done by faculty as scholars, artists, advisers and researchers.

Library, budget and endowment are three common factors used in the resource definition of quality. A little over a year ago, Ohio University entered a select group of 100 American university libraries with over one million volumes. Again, quality must include such statistics as volume circulated, reserve shelf use and interlibrary loan requests. All of these have shown remarkable growth.

The total operating budget of the institution, including funds for Athens campus, general programs, regional higher education, medical education, auxiliaries, grants, contracts and restricted funds, amounts to over \$100 million, putting the University in the top 15 to 20 percent of U.S. universities in size of budget.

Endowment is another important measure of the resource base. As a result of the

1804 campaign, the Ohio University endowment is a strong asset. Of the approximately 3,000 U.S. colleges and universities, the University now ranks 76th in the size of its endowment. If public institutions are separated out, the University ranks 14th; if the definition is further refined to single units rather than multi-campus systems, the University ranks 5th nationally.

It is satisfying to note resource accumulation, but the more important measure is whether this endowment makes a qualitative difference. The test, for example, is the ways in which the Engineering College will be different in five years, 10 years, 20 years from now as a result of income from its endowment of more than \$8 million.

Outcomes as Measure

A third approach defines quality in terms of discrete outcomes. One simple form is to gauge the percentage of students enrolled who complete a degree. We are far from where we ought to be: too many students flounder and are lost.

But, even admitting our failures, it is a measure of some importance that 180 faculty members volunteered for a new program of advising students not yet ready to declare a major, and that the University was cited in a recent legislative study as a high-retention university.

The proportion of students who go on to graduate or professional schools, the number who win graduate fellowships, are significant and can be taken to represent quality.

The achievements of graduates is another approach to outcome, with the measure of quality being the accomplishments of a university's alumni.

Institutional Impact as Measure

The most difficult measure to determine and the most important developed by the research is institutional impact on students, 'the value added theory.'

By this measure, quality in an educational institution is the capability of its programs and environment to affect favorably the intellectual and personal development of students. The measure, simply stated, is—in what way is the student different when he or she leaves campus?

Together with most institutions we have very little understanding of how we affect students, of what is added to a student's life as a result of living on campus and attending classes.

Operational Definition

Some of the definitions of quality used in the research—reputation, resources, outcomes, impact—are to be faulted for failure to have useful consequences; others are suspect because they involve questionable assumptions or evidence.

I want to offer an alternative view of definition and measure. The key issue is whether we can use the process of defining and examining to enhance quality. Usefulness ultimately becomes the measure for the adequacy of both definition and the act of measuring.

Of the four approaches to measurement, only the value added methodology seems to me to meet the criteria of functional analysis and useful consequences.

The typical methodology of the value added approach uses such devices as general examinations administered to a sample student population, at stated intervals, structured interviews and questionnaires.

What is measured can include evidence of development during college years, for example, from stereotypical thinking toward understanding that acknowledges differences and makes discrete judgments. Using one of

the telling measures of impact, the investigation can determine what graduates are reading five or 10 years out of college.

Measuring impact is an imperative both of integrity and thoughtful planning. The value added to people's lives is the bottom line in the success or failure of an institution.

Actions for the Future

To respond to this genuine need and to define the task, a group of faculty and staff will be asked to explore an assessment of impact so that five years or 10 years from now we can describe systematically what is happening in our life as an educational institution.

Broad institutional assessment is not, however, enough. Attention must also focus on the assessment of specific performance, actions, programs and processes.

We hold faculty and administrative staff to the test of performance. We seek to determine what is the worth of our activity and weigh whether objectives are being accomplished.

The review of performance of all executive officers reflects a new and different institutional determination that this assessment shall be a regular, periodic expectation and a substantial analysis of performance.

Furthermore, public service activity such as broadcasting or delivery of medical services is part of the activity to be tested. Student services, admissions, financial aid, registration, counseling, advising, are to be reviewed, with the test being how well we deal with numbers efficiently and still remain responsive to individual need.

We have a structure in place designed to review curricula. To the credit of the University's faculty, this responsibility for review was in place years before the recent cry for program review at state and national levels. And it has had consequences, contributing to the discontinuance or modification of programs and new directions for other units.

Program review focuses on departmental and degree curricula. But the ambitious experiment is the restructuring of general education, the advising system essential to this effort, and the shift to be developed senior level effort at synthesis. This experiment will require a different review.

The professional colleges require a third pattern, including input from those who practice the professions.

The review process on campus must demonstrate to state agencies, legislators and the general public that we can make rational choices based on judgments about quality, need and the effective use of resources.

The conclusion too often drawn is that state officials must design and supervise the processes of review and ultimately make determinations. If this pattern comes to Ohio, it will be because we bring it on ourselves by our failure to define and measure the quality of our own programs or refuse to act on judgments emerging from internal reviews.

Effort of Making Judgments

University education assumes it is both possible and desirable to make judgments about quality. This is woven into the very fabric of what we do and is what sets us apart as an institution.

The burden of making judgments on the performance of our students, and on our effectiveness as teachers or counselors, is accepted as a necessary part of the process and the relationship. This task is equally important to our life as a University community.

The urgency and the importance of the same: the imperatives of quality and integrity. In the case of Ohio University, it is consciously and critically to seek more nearly to become what we profess to be—a university of good quality.

Across the College Green

Private gifts rise 65 percent in first half of fiscal 1980-81

There is a bright spot in the University's rather bleak financial outlook. Private gifts have increased nearly 65 percent during the first half of the 1980-81 fiscal year.

At the end of December, contributions in the annual fundraising campaign were in excess of \$1 million, up from \$617,999 during the first six months of the previous fiscal year, according to Jack Ellis, director of development.

Ellis also reports a 20 percent increase in the number of donors—4,007 compared to 3,354 during the same period last year.

Ninety-two percent of the gifts are designated for particular programs, with use of the others determined by the Ohio University Fund board.

A goal of \$1.36 million has been set for the campaign year, Ellis says. To date, the largest single gift is \$140,000 for the library. Other areas receiving substantial amounts are the College of Osteopathic Medicine, the new Konneker Alumni Center, athletics and the scholarship fund.

Some \$3 million in earnings from endowment raised in previous campaigns is available this year to support specific programs, according to Ellis.

The success of this year's campaign is of particular importance in the wake of budget cuts, President Ping has told the campus. He said that private gifts can help "to preserve quality in a period of declining state support and declining real income from tuition and fees."

Donors seem to be optimistic about the University and impressed by the success of the 1804 Fund campaign. "There seems to be a new recognition of the University's needs and what private gifts can accomplish," Ellis says.



Providing Athletes With Scholarships

The three-step, year-long PAWS campaign to raise funds for scholarships for University athletes is booming.

The PAWS (Providing Athletes With Scholarships) drive in Athens and the surrounding area was the campaign's initial stage and ended in December with more than \$50,000 in hand, \$5,000 over the goal.

Athletic Director Harold McElhaney is elated about the results to date:

"It was important to kick off a successful program locally to show our alumni in and out of state that we have close-to-home support. It provides the impetus for future campaigns," he said.

The campaign is now being expanded across Ohio and throughout the country and first reports show responses have been generous. Contacts are being made with all long-time supporters of athletics and former athletes.

Although not all alumni will hear from this year's drive, those missed will be contacted in future years. And any alum wanting to show support can take the initiative and be welcomed.

Money raised in the PAWS campaign will be used for scholarships in all sports and for both men and women. All awards will be governed by the guidelines of the Mid-American Conference.

The overall goal for the PAWS campaign, which runs through the year, is \$115,000.



During halftime in the Convocation Center, Mike Schmidt, right, presents his World Series MVP check to Athletic Director Harold McElhaney. Looking on are President Ping and Schmidt's former Bobcat coach, Bob Wren.

Mike Schmidt walks off with MVP honors

Mike Schmidt '72 was the subject of reams of hyperbolic sports commentary even before October's World Series, which ended when the Philadelphia Phillies shut out the Kansas City Royals in the sixth game by 4-1.

Afterwards, buckets of ink were spilled in Schmidt's name.

He was the "Peter Pan" of baseball's "Never-Never Land" and "Sampson . . . carrying the burden of the Phillies on his back." At least one sports commentator noted that Mike "walks softly and carries a big stick."

Schmidt was named the Most Valuable Player of the Series with seven RBI's, two homers, eight runs scored and a .381 batting average. To top that off, he was named the National League's Most Valuable Player in November.

He led the majors with 48 home runs and 121 RBI's during the 1980 season and batted .286.

Other awards included *Sporting News'* Golden Glove Award for defensive excellence

and the publication's recognition of Schmidt as the major leagues' Most Valuable Player.

The World Series MVP title brought Schmidt a \$5,000 scholarship that he donated to the University. He also won a \$9,000 gold watch.

"I'm ecstatic," he said of the award and scholarship. "I wish I could chop it up into 25 pieces and spread it around."

Before taking a bachelor's degree in business administration at Ohio University, the Dayton native played 106 games on the Bobcat '69, '70 and '71 teams coached by Bob Wren.

He still holds the University's first place record for 111 runs scored. He holds second place for three other career marks, with a slugging average of .640, 27 home runs and 32 doubles. Schmidt holds third place for total bases at 247 and fourth for a career RBI tally of 98.

A two-time All-American as a shortstop, Schmidt was named to the MAC First Team in 1970 and the Second Team in 1971.

Groundwork laid for new China exchange programs

Groundwork laid by Dean of Arts and Sciences William Dorrill and chemistry professor James Tong is expected to lead to new exchange programs between the University and institutions in the People's Republic of China.

The two men traveled to China during the break between fall and winter quarters, meeting prospective students and lecturing at universities in Sichuan, Wuhan, Nanking, Shanghai and Peking.

Dorrill spoke on the academic organization and administration of American universities, and Tong lectured on toxicology, chemical kinetics and forensic and environmental chemistry.

The agreements they discussed could bring additional Chinese students to campus—at present 36 are studying here—and eventually result in faculty exchange programs and consulting and training programs directed by University faculty and administrators.

Tong, who is director of the Visiting Scholar Program on campus, was born in

Shanghai but had not visited his homeland since 1946.

For Dorrill, a China scholar, it was a return trip. In 1978, he was in the People's Republic when news came of U.S. recognition of that nation.

Dorrill and Tong were the first U.S. educators to visit Sichuan, an interior province with a population of 100 million. There they were guests of Sichuan University and the province's Ministry of Education.

According to Dorrill, the Chinese academic system is expanding rapidly and educators are moving away from a rigid Russian-style of education and seeking a broader-based system.

He added that Ohio University is becoming well known in China and is seen as one of the leading U.S. institutions having Chinese exchange programs.

Ohio University TODAY

Across the College Green continued



Visiting artists Larry Tarrant and Brad Wallace, MFA '65, read their lines during a rehearsal in the Forum Theater.

Former student's play premieres on campus

Rose Ann Kalister dreamed of being an actress but wasn't sure she could make a living acting, so she turned to playwriting.

Then, doubting that she could earn a livelihood playwriting, she settled on teaching English.

That was more than 15 years ago. But Mrs. Kalister, a native of Parkersburg, W. Va., who now lives in Lancaster and teaches at Ohio Dominican College in Columbus, never gave up writing.

In October, she sat in a front row seat at the University's Forum Theater for the premiere of her play, *Silk Pongee*, a comedy that had its genesis in a short story she wrote for a graduate course at Ohio University 10 years ago.

Silk Pongee evolved out of the playwright's own background as the daughter of Syrian immigrants in a tiny Syrian community in Parkersburg. The main character, Millie, "is a repository for some of my own conflicting feelings about my background, although she's not in any sense autobiographical," Kalister explained.

"They say you should write about what you know, and it happened that I've always been very encouraged whenever I dipped into that background," she said.

Married to Fred Kalister, associate professor of English at Ohio University - Lancaster, the 42-year-old playwright has two children. She also has a career as director of the Academic Development Center at Ohio Dominican.

Kalister turned her short story into a play for a playwriting class taught by Associate Professor of Theater Seabury Quinn,

who encouraged the University's School of Theater to produce it and who played a part in *Silk Pongee*.

Produced by the school in conjunction with its professional training programs in acting, directing, playwriting and production design, the play featured theater professionals Larry Tarrant and Bradford Wallace (see next story).

Kalister described working with students and faculty on the play as an "invigorating" experience that forced her to rethink and clarify characters and scenes.

Seeing *Silk Pongee* come to life on the stage "does the spirit lots of good," she said. "It'll help me get through 10 more years of long nights and weekends of hard work."

Theater professionals act as visiting artists

With one of the nation's top professional theater training programs, School of Theater Director Bob Winters might be content to sit tight while students go about making names for themselves at the country's booming regional theaters.

The school already has 18 student interns and innumerable graduates working on most of the professional stages in the nation. But Winters isn't content with sending University "products" out.

This year, more than ever before, successful actors, directors and other theater professionals are coming to campus — temporarily stepping out of the theatrical world into the classroom.

Students in the Bachelor of Fine Arts program and in the Master of Fine Arts professional programs are benefiting from the expertise of four adjunct professionals. They are Larry Tarrant, on leave from his duties as associate director of the Cleveland Playhouse; Bradford Wallace, an alumnus who is principal actor and director of Sarasota, Fla.'s Asolo Theater; Ed Stern, Great Lakes Shakespeare Festival director and founder of the Indiana Repertory Theater; and Donald MacKechnie, former staff producer of the "Old Vic," the National Theatre of Great Britain. MacKechnie has worked closely with the likes of Sir Laurence Olivier, Tyrone Guthrie and Peter Brook.

Making use of visiting artists is part of the School of Theater's commitment to training young people for the professional theater, according to Winters. "It goes hand-in-hand with placing our people in internships and placing them in the job market (one-third of which is now in regional theater).

"We have 18 third-year graduate students in internships in the top theaters in this country and England, including the Guthrie in Minneapolis, the Arena Stage in Washington, D.C., the Alliance in Atlanta, the Cleveland and Cincinnati playhouses and the Thorndyke in Leatherhead, England.

"These interns are performing or doing whatever it is they do in the theater; they're not pushing brooms," Winters stresses.

He notes that the visiting artists are "fulltime professional people. Having them here makes for a very realistic relationship between the training the students get and what they'll be called on to do in the working theater."

All the visiting artists work on School of Theater productions. Wallace and Tarrant, for instance, played parts in *Silk Pongee*, a fall-quarter production by Lancaster playwright Rose Ann Kalister.

"Since all our productions are classes, the students will be getting the best possible training," says Winters. "They'll be learning things that only professionals can teach."

University scientists get new research tool

Researchers in the College of Arts and Sciences and the College of Osteopathic Medicine will be aided in their efforts by a new transmission electron microscope purchased with a National Science Foundation grant of \$55,270 and \$56,000 from the medical college.

"The instrument will not only have higher magnification capabilities but also be easier to use than the department's present electron microscope," reports Dr. Robert Hikida of the Department of Zoology and Microbiology who heads the NSF project.

"It is capable of magnification up to 400,000 times actual size — which gets us to the atomic level," he says.

When it arrives, the microscope will be used in a number of projects already under way in Arts and Sciences and Osteopathic Medicine, including muscle, nerve and DNA research.

Accounting alumnus tops in the state

Scot Kline, a 1980 College of Business Administration graduate, came in first in Ohio on the Uniform Certified Public Accountant Examination given in the spring. His score also earned him the third highest ranking in the nation among the more than 100,000 would-be certified public accountants who took the three-day test.

Not surprisingly, Kline was snapped up by the largest accounting firm in the United States, Peat, Marwick, Mitchell & Co., and is at work in the firm's Columbus office.

With a 3.963 grade point average, Kline was also named one of the Department of Accounting's two outstanding 1980 seniors. The other was Nancy Ellis, who earned a 3.965.

The University sent 20 students to Columbus for the test, according to Dr. Warren Reininga, accounting department chairman. Their showing was good enough to earn the University second place in Ohio among the 14 largest colleges and universities.

Reininga said that, although the department has no systematic follow-up of grads, "we do keep track of a good many of them, and we benefit from their contributions, particularly since so many join firms with matching gift programs."

Contact is also maintained by graduates who come back to recruit for their companies or to give accounting majors pointers on the College of Business Administration's Career Day.

"Grads like Glen Corlett return every year and ask, 'What do you need?'" Reininga said, adding that Corlett '67, vice president of the National Alumni Association, was on campus in late fall recruiting for his firm, Price Waterhouse.

In addition to taking pride in Kline's prowess as an accountant, the University can do a bit of boasting about his family tree. Kline's grandfather was the late Carr Liggett '16, president of the national alumni association for two terms and founder of Carr Liggett Advertising Inc. in Cleveland.

Charles and Marjorie Liggett Kline, both 1951 graduates, are Kline's parents, and — in addition to Scot — they've sent James Kline '77, Robert Kline '76, and Deborah Kline Reach '74 to campus.

Southeast Asia Studies grant renewed

For an eighth consecutive year, the Ohio University Center for Southeast Asia Studies has received a grant from the U.S. Department of Education to strengthen its programs and community activities.

The center is one of four designated Southeast Asia Language and Area Studies centers in the nation.

The \$90,000 grant will provide partial support for teaching, administration, library resources, community outreach and research and travel by faculty.

In addition to offering a master's degree, the Southeast Asia Studies Program supports undergraduate programs in Asian Studies which allow students to major or minor in the field and learn Indonesian/Malay languages.

New developments include the establishment of the Tun Abdul Razak Chair in Southeast Asia Studies and the selection of the University as the site of the Indonesian Studies Summer Institute for a three-year period beginning in 1981.

New teaching technique aids piano performance majors

In place of the traditional hour-long, one-on-one lesson, Associate Professor of Piano Gail Berenson's performance majors are formed into groups of two or three and meet for two or three-hour blocks of time.

Working on her doctorate at the University of Colorado, Berenson has studied with Dr. Guy Duckworth, head of the Colorado program and a pioneer in group teaching for performance majors.

Through her own experience as student, teacher and performer, Berenson has become convinced that the system works.

"In the individual lesson, the pressure is always on and the tendency is for the student to become a passive recipient of the teacher's views, approaches and interpretations," she explains.

"In a group environment, a student is exposed to two or three times the amount of repertoire, watches someone else work through all the stages to performance readiness, and develops skills in a supportive, noncompetitive atmosphere that builds confidence."

That support and camaraderie carry over to recitals, the professor says, with group students exhibiting less performance anxiety.

In order for the process to work, group members must have similar goals and similar levels of repertoire and musicianship.

Berenson labels group teaching "a complex process" that calls for an instructor who is not only an excellent musician but someone familiar with group dynamics.

"The teacher must command an array of techniques to stimulate students to an awareness of the value of their own ideas," the professor says. "It can be an exciting process!"

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Costumes record social and cultural history

What did the well-dressed woman graduate of 1898 wear to her June commencement? Thanks to a collection of costumes gathered by Mary Doxsee of the School of Home Economics faculty, we don't have to guess.

Among the 350 items in the Tipper Hall collection are the white voile dress with leg-of-mutton sleeves and the matching voile parasol belonging to Ada Ann Wickham, Class of 1898.

A photograph of Miss Wickham, who married an O'Bleness and settled in Athens, is in the University Archives and shows her wearing the dress and an elaborate hat.

Professor Doxsee calls her collection "a small teaching exhibit," noting that while it is not of museum quality, it adds a lot to the school's courses in costume, textiles and design.

"You can talk and read about textiles and view slides, but touching fabrics and seeing close up the design and construction detail make a difference," she explains.

The collection's earliest items date from the Civil War era, and donations of 19th century items would be welcomed whenever alumni clean out attics and cedar chests.

The collection also records social and cultural history, Mrs. Doxsee points out. For example, the flowered silk dress given by Mrs. Geneva Dilley of Athens was worn to the Sunday Deans Tea that was a regular feature of campus life in the 1930s.

Other examples are the very small, very narrow shoes and the impossibly tiny waists of the 1800s that show today's students "what vitamins have accomplished over the years," Mrs. Doxsee says.

The collection does contain some designer clothes, including a gray silk and worsted blend Balenciaga suit from the 1950s and an Oleg Cassini mini-skirt from the 1970s.

Professor stalks Bigfoot, press stalks professor

What's elusive, hairy, from 7 to 18 feet tall, smells like a cespuglio, leaves prints with five or six toes and runs faster than a bear?

According to some of the folk in Vinton County, it's Bigfoot, a creature being stalked not only by the hunters and just plain curious of Southeast Ohio but by Ohio University Zoology Professor Gerald Svendsen as well.

In his tracking, Svendsen has taken plaster casts of prints that prove a hoax is afoot. "Anyone with a basic knowledge of anatomy would see that some of the prints could only have been made by a creature 18 feet tall; others are obviously hand dug, with the sand piled alongside the print; still others vary the number of toes from print to print," he says.

What's been even more astonishing to the professor than the human desire to be in on Bigfoot sightings, is the attention the media have given his saying the whole thing is a hoax.

Both the Associated Press and United Press International picked up his comments that the episode reflects some "weirdo psychology" and sent the story to papers throughout Ohio and the nation.

After more than 40 phone calls, queries from three major networks, newspaper clippings from as far away as France, England and Sweden, Svendsen wishes he'd never heard of Bigfoot and the whole parapsychic to-do.

Alumni sighting giant creatures grunting in the hills near their homes or coming across giant footprints while out hunting are asked, politely, not to send the news to Svendsen.



Mary Doxsee and 1890's widow's weeds



Ada Ann Wickham, Class of 1898



Mid-19th century shoes

Ohio University TODAY

Faculty Research: Its Role on Campus

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Energy and Pollution



Dean Richard Robe, left, and Associate Provost Ronald Barr look over the HP 1000 computer in the Engineering Building.

University Expresses Strong Commitment to Research

Asked why the University has made such a strong commitment to research, Dr. Ronald Barr, associate provost for graduate and research programs, doesn't hesitate a moment:

"Research is important for the professional development of individual faculty members, for instructional quality in the classroom, and for creating a stimulating environment for students," he replies.

"We need to help faculty enhance their research capabilities, develop new areas and avenues of expertise and learn new technologies," he says. "In some areas, change is coming so fast that it's difficult for a professor to remain an effective teacher unless given time to keep up."

Barr adds that the University has a responsibility as a public institution to address major issues facing our society—and one way is through research. He also notes that one of the purposes of any university must be to create, test and disseminate knowledge.

Asked how the University is doing in meeting its research commitment, Barr is just as quick to respond:

"Our rate of funding from outside sources—federal, state and private—is growing faster than the national average. I'm excited about what's happening now and what's going to happen here. Faculty interest and growth in research funding are occurring all across the University."

In fiscal 1980, research grants and contracts from outside sources totaled \$2,475,000, a 38 percent increase over fiscal 1979. When training contracts, academic support and public service awards are added, the total for all sponsored funding rises to approximately \$6 million.

The federal government provides the largest chunk of the outside research support, with 11 departments or agencies awarding University researchers \$1,855,467—74.9 percent of the campus total.

The National Science Foundation's \$451,805 is the largest single agency total, followed by the Department of Transportation's \$443,680.

Research and development funds have more than kept pace with inflation in the past few years, Barr says, adding that "we have the potential to be doing a lot more grant getting. The capability is here, since more than 85 percent of our faculty come from top research universities."

The University has committed a substantial amount of its own resources to stimulate research. For 1980-81, institutional support, primarily through the Stocker Endowment, the Research Incentive Fund, the Baker Fund, the Ohio University Research Committee and the College of Osteopathic Medicine, will amount to more than \$1 million. This compares favorably with what other universities are doing, according to Barr.

The associate provost stresses, however, that institutional funds can only provide start-up and partial financing of projects. Most of the research which eventually gains national recognition requires a much higher level of support—at least in the sciences.

"You have to go outside the institution, not only for the needed funds, but also to gain peer review and recognition," Barr points out.

Brought to campus a year ago specifically to bolster the research effort, Barr was an active researcher and successful grant getter before entering administration. He is particularly proud of the University faculty whose work has earned national and international recognition for them and Ohio University.

"We have a solid core of researchers who win major federal grants year after year," Barr says. "This implies a network of contacts, work known and favorably reviewed by peers, and regular presentation and publication of papers describing the work."

In the immediate future, Barr foresees intensified research efforts in the life sciences, due to the large number of new faculty brought to the University over the past few years with joint appointments in the medical college and zoology and microbiology.

"There should also be substantial growth in engineering research, due to an enhanced research environment provided by the Stocker Endowment," Barr says.

Outlining some areas receiving attention nationally, he points to government and business interest in genetic engineering research and speeded-up developments in computer technology and electronics—and in their applications, such as robotics.

He also expects a continued push in synthetic fuels and coal research and notes that the University is now receiving \$1.4 million in outside funding for energy-related projects.

Engineering Dean Forecasts Top Rank for College

For Dick Robe '55, MS '62, going home to Athens and his alma mater was almost incidental. The lure of his new job as dean of engineering and technology was the compelling opportunity.

There was the expectation of a new engineering complex, a flourishing enrollment and a faculty that already attracted outside research funds of \$1.4 million last year.

The unmatchable attraction was the college's \$7 million endowment from the late C. Paul Stocker, who also endowed two academic chairs at more than \$1 million. Always a generous supporter, the 1926 electrical engineering alumnus designated half of his bequest to the University for the college.

"It was a chance to be part of a building program that could make the college one of the top engineering schools in the country," Robe says.

The dean points out that Mr. Stocker designated his endowment for advanced faculty research, equipment to support that research and graduate education, areas that Robe calls "the cornerstones of a great college."

To adhere to the bequest and to spend wisely, Robe and a faculty committee developed guidelines for determining allocations.

"Our goal is to spend so that it will truly make a difference five years from now," Robe explains.

Already, endowment earnings of more than \$700,000 are making a dramatic difference. The \$461,000 allocated this year for special research equipment is more than the total spent for equipment in the past 10 years.

This spring and summer, \$185,000 will provide seed support for faculty research programs expected to attract outside funding. Other dollars will support a sophisticated new HP 1000 computer and bring in visiting research fellows and lecturers.

Because the endowment fund is designated for specific uses, it cannot be used for the college's day-to-day needs, a fact that gives the first-year dean headaches.

"We're in the ridiculous position of trying to spend \$700,000 for our future, and at the same time—like the other colleges—we're juggling day-to-day operating expenses to absorb the University's seven percent budget cut."

Despite these incongruities, Robe and his faculty are planning ahead for investment returns that will be available next year and have set two priorities.

"This fall we'll use part of the endowment money as leverage on the future. The addition of badly needed faculty will be accelerated through early appointments," Robe says.

He explains that engineering enrollment justifies additional faculty but that University funding for them is at least a year off. The number of undergraduates has doubled in the past five years, from 600 to 1,200, and graduate enrollment has grown by a third, from 90 to 125 students.

Secondly, endowment dollars will fund 13 special graduate fellowships that each carry stipends of \$7,600, a level competitive with the best engineering schools in the country. A Stanford PhD himself, Robe says the college is looking for top students with a 3.5 grade point average or above who are U.S. citizens.

Robe is counting on the endowment and growing enrollment to be persuasive factors in getting the new engineering complex that is included in the capital funding bill now stalled in Columbus.

"I came to this job with the expectation that we would have the complex within three years. I now think it will probably be four, but we're still counting on it," Robe says.

"We need the building to get the full benefit out of the Stocker funds. It will make the difference between limping along and having an outstanding and nationally visible engineering program."

Energy Crisis: Campus Answers



ANNA BARNETT

Dr. Ray Lane and Research Associate Harold Knox '64, PhD '72, use a graphics computer terminal to analyze nuclear reaction data on materials that may be used for fusion energy reactors.

Research Focuses On Materials and Fuel Production For Fusion Energy

Fusion energy.

The promise of clean nuclear power to replace today's fission reactors with their problems of long-lasting radioactive waste.

Is it possible, and how soon will we have it?

Distinguished Professor of Physics Ray Lane answers the question: "We believe so, and probably within 20 years."

To reach the fusion energy era, a great deal of research is yet needed. At Ohio University, Lane and his colleagues are working on two outstanding questions—first, what damage does a reactor sustain and, second, can we breed tritium, one of the two fuels necessary for fusion reactions.

The research is undertaken in the University's Accelerator Laboratory, where facilities have recently been expanded to accommodate advanced research in fusion energy, basic physics and neutron therapy for cancer patients.

A new 98-foot detection tunnel and a quadrupole spectrometer have been added through grants totaling \$140,000 from the Department of Energy, the National Science Foundation, the National Cancer Institute and the University's 1804 Fund. With these the laboratory's 10-year-old, million dollar accelerator remains state-of-the-art equipment.

In his damage studies, Lane is seeking to determine the effects of the fusion reaction on the structural materials that would be used in a reactor.

What must be observed and measured are the effects of the energy-producing fusion reaction when a neutron finally hits the minuscule center or nucleus of an atom. For example, how bad is the radiation damage caused by the neutrons reacting with the susceptible nickel within stainless steel, the structural material currently planned for use in fusion reactors?

If radiation damage from repeated reactions eventually causes the steel to crumble and become soft, then, in Lane's words, "We better redesign our fusion reactor with a new metal—the whole thing!"

Until now reactor designers have not known what damage to expect because experiments such as Lane's are so difficult and time-consuming. It takes days to observe only a hundred events of the kind that cause the damage.

by Peggy Black

Lane explains the rarity of a fusion reaction—a neutron actually hitting and changing an atom's tiny nucleus—in terms of a solar system.

"A comet can go whistling through the solar system and its chance of hitting the sun is very small because there is a lot of space. But if it does, Wow! There's a big explosion."

The advantage of the fusion explosion is that very little radioactivity is produced, hundredths or thousandths below that of a fission reaction, Lane explains.

With fission, Lane says, the plutonium or uranium splits into highly radioactive nuclei as the energy is given off. Everything is made radioactive and the waste is guaranteed to stay that way for many, many years.

"That's why we want the fusion reactor; it produces a minimal waste problem. But at this stage, we still have to worry about the reactor walls."

Lane's second focus in helping make fusion energy a safe, practical "alternative" is the production of tritium, which with deuterium makes up the fuel used in fusion reactors.

The physicist's aim here is to keep the fuel cost down by capitalizing on the waste from fusion reactions.

"Of the two necessary fuels, we can get deuterium from the sea. That supply is limitless. But you have to make tritium. We would like to breed it and send it back into the fuel cycle. We don't want to waste it because when tritium's gone, it's like oil, it's gone."

The proposed solution is to use the by-product neutrons from the fusion reaction in further tritium-producing reactions with lithium, which can be blanketed around the inside of the reactor.

"We're trying to measure the probability that we can produce more tritium, that is, to have the reactor breed its own fuel." Lane explains that the principle is the same as used in the fission breeder reactors that breed plutonium. However, he carefully differentiates fusion breeders from "the old dirty fission business."

Although Lane's research is not concerned with the actual fusion process, he explains that the problems of containing the nuclear plasma and fusion reactions must be solved before fusion energy can come into its own.

Because the fusion reaction produces a heat that is virtually that of the sun, beyond what any material can contain, the reactions must be contained by other methods to keep them from bursting through the reactor.

Until now, control of fusion reactions has been through strong magnetic fields and the constant spinning of the nuclear plasma around the donut-shaped Tokamak reactor pioneered by the Soviets, who still lead in the fusion program.

A competing reactor design would contain fusion reactions with magnetic mirrors. Work on this design is currently under way at several national laboratories in this country.

Alumnus Moves to National Lab

When Roger White came to Ohio University for a doctorate in physics, he was planning a return to teaching, a career he'd enjoyed for four years.

Work with Professor Raymond Lane in experimental neutron physics and a two-year postdoctoral fellowship for original work in nuclear reactions led him in a new direction. "I got hooked on the application end of it, the realistic working aspects," White said in the winter 1979 issue of *Today*.

After his postgraduate work at the University, White, PhD '77, moved into a research position at the Lawrence Livermore National Laboratory in California.

Still in basic research, White is in the Experimental Physics Division, which does support work for two major Livermore programs, laser fusion and magnetic confinement, both approaches to the containment of nuclear plasma in fusion reactors.

"Part of my work is similar to what I was doing in Athens. I've done some specific studies on hydrogen and helium production from fusion neutrons and the effects on reactor wall materials," White reports.

He has also done basic research for the field of fission energy.

White found the adjustment to research at a national laboratory a natural step after his post-doctoral work guided by Lane. "The main difference is that here we are working with higher energy ranges than those possible with Ohio University's accelerator," he explains.

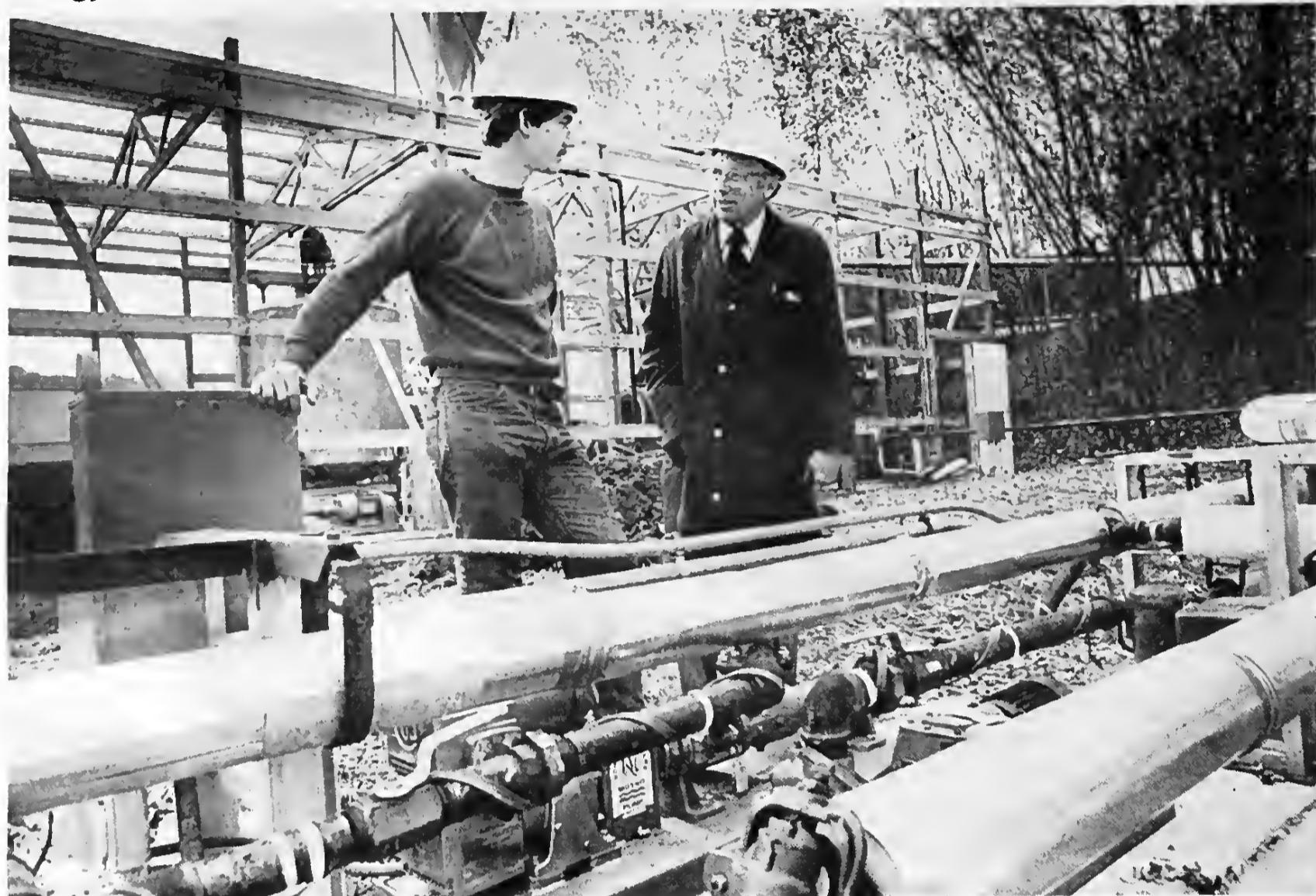
The alumnus points to a growing relationship between the University's accelerator laboratory and the national laboratory. Faculty member Dr. Roger Finlay has been named consultant at Livermore, and complementary research has led to exchanged use of facilities. And in March, Dr. Steven Grimes will leave Livermore after 10 years to join the University's faculty research team.



Roger White, PhD '77

Ohio University TODAY

Energy Crisis: Campus Answers



ANNA BARNETT

Energy

Dr. Robert Savage and graduate student Bill Warfield examine insulated pipes that will carry a heated mixture of fuel oil and ground coal to an oil-fired boiler at the University's heating plant. The research project will demonstrate the potential of the coal-oil mix to Ohio industries now using oil as their base fuel.

DOE Funds Study To Solve Hard Questions About Coal Gasification

Ohio coal researchers were shocked in August when the U.S. Department of Energy funded the work of a single one of the state's scientists and ignored the valuable research of others.

The researcher graced by DOE notice was Dr. Peter Griffiths, 38, named Distinguished Professor of Chemistry by the University last June. A leading analytical chemist who is an expert in infrared spectroscopy, Griffiths has brought more than \$500,000 in grant awards to campus since he joined the faculty in 1972.

"We've been lucky," says the bearded and jovial Griffiths, who is getting \$100,000 from DOE to answer questions about the fundamental changes that take place in the complex structure of coal during gasification.

Using a technique he began developing in 1976, Griffiths will seek basic information on the types of coal best suited for gasification, on how to minimize sulfur emissions and on what conditions most economically produce gasification reactions.

The string of events leading to Griffith's award began when he told a pharmaceutical company it should be able to use a highly sensitive Fourier transform spectrometer to obtain instant analysis of solids, something

that had never been accomplished successfully before. The company suggested that he put his money where his mouth was and gave him \$1,500 to develop new analytical procedures.

A year later, the British-born and Oxford-educated professor had perfected his procedure for diffuse reflectance spectroscopy that has since revolutionized the field. Griffiths was able to get extremely high-quality information on the constituents of solids after only minutes of actual analysis.

"Lots of people jumped on the bandwagon. And that makes you feel good," he explains. "In fact, it was terrific. The whole field developed so quickly that we've just been able to stay ahead of the pack."

The chemist's procedure relies on the fact that if a beam of infrared light is passed onto a powdered sample of a solid, some wavelengths will be absorbed while light of other wavelengths will emerge from the sample for detection. Using a computer to compare spectra (graphic pictures of the light) from the sample and from known compounds, Griffiths could analyze solids that before had only been determined through lengthy and labor-intensive laboratory procedures.

In testing the limitations of this technique, Griffiths had looked at everything from dog hairs to coal. By 1977, he was the first analytical chemist to obtain high-quality results with untreated coal, which because of its color absorbs too much light, making

analysis by spectroscopic techniques difficult.

Besides his award from DOE and \$40,000 from the Ohio Coal Research Laboratories Association, Griffiths has been supported by contributions from Sohio and this year obtained a \$7,500 grant from U.S. Steel Corp. to analyze coking coal. Use of the professor's techniques for speedy and efficient analysis of coking coal blends could save the steel producer up to \$36 million annually, Griffiths says.

One-Man Team Investigates Three Major Coal Problems

With \$790,000 in outside funding for current coal research, chemical engineering professor Robert Savage is one of the state's most active coal researchers. His three major projects hold promise for putting Ohio coal back to work fueling power plants while still meeting Environmental Protection Agency emissions standards.

Savage's largest project (\$147,200 in outside funding) involves studying a money-saving coal-oil mixture for use in the state's oil-fired boilers.

"The price of oil has gone up so drastically that there'll very definitely be an economic advantage to using a coal-oil mix," says Savage. "We may be able to provide energy to boiler operators at about the same cost that they were paying before the oil price hikes."

Using equipment and fuel provided by a number of industries, the researcher is grinding coal into talcum powder consistency and

by Dinah Adkins

adding it to an equal amount of oil, producing a fuel that can be used in existing boilers.

The professor began test-firing a boiler used in this project in January and expects to have performance data within 12 months. Production of the fuel could begin within a year or two, he says.

Of "critical" importance to the study is an analysis of the effects the abrasive fuel has on boiler tubing. Ashes in the flue gas may scour the tubing or build up deposits inside the boiler, according to Savage. A computer data system will monitor the chemical composition of the gas and of stack emissions while also keeping track of fuel consumption, steam pressure and boiler efficiency.

In another project, funded with \$285,000 from the Ohio Department of Energy and the Ohio Air Quality Development Authority, ground coal is subjected to an extremely high temperature for a very short period of time, converting part of the coal to carbon monoxide and hydrogen.

Gaseous products of the so-called "flash-carbonization process" can be used by the chemical industry or converted to pipeline gas by a methanation reaction. The rest of the fuel is reduced to a char that can be burned in power plants.

The professor is currently completing bench-scale investigations of this project and will seek additional funding for pilot plant operation later this year.

Savage describes his third project as "very likely the best long-range solution to Ohio's high-sulfur coal problem."

In the "solvent refining process," the raw coal is heated and dissolved before being filtered to remove ash and sulfur. The filtration process leaves less than one percent of sulfur in the fuel, making it burnable without the use of scrubbers or other expensive treatment.

"The process attacks the problem before the coal is burned, and it removes not only the sulfur impurities but also the particulates, including fly ash," Savage points out.

Savage, 65, was a supervisor at Battelle Memorial Institute, research vice president for the North American Coal Co. and a faculty member at Case Institute of Technology before he joined the University in 1964.

State-of-the-Art Coal-Cleaning Plant Takes Shape on Campus

Little more than a week before the Christmas holiday, industrial and systems engineering professor Donald Scheck received word that the Ohio Department of Energy would fund his proposal to draw up feasibility plans for a "state-of-the-art" coal-cleaning plant.

The department pledged \$290,000 to pay for the one-year project, with \$90,000 going to Scheck for conceptualization and broad design work and \$200,000 to a subcontractor to do detailed drawings.

Scheck's proposal calls for a working demonstration plant using the latest coal-cleaning processes. The facility would also serve as a training site for engineers and technicians and as a research operation.

In a radical departure from conventional plant design, the facility will be modular so that whole "chunks" of machinery can be lifted away to make way for equipment accommodating alternative processes.

"Conventional plants are inflexible. They're so tightly designed that it can cost hundreds of thousands of dollars to change even a relatively small piece of equipment," Scheck explains.

"We want to be able to lift off a segment of the plant, insert a new module and still reassemble it at a reasonable cost."

Initially, the plant is expected to demonstrate cleaning procedures such as those

making use of electrostatic precipitators and flue-cells to remove sulfur from Ohio coal.

In the first case, the coal is pulverized and the particles are electrically charged so that equipment acting as a "magnet" attracts iron sulfides from the ore. In the second instance, chemicals are introduced into a fine coal solution that cause sulfur-bearing particles to adhere to each other in clumps large enough to be efficiently removed.

Scheck also hopes to make use of the latest technology in the plant so that the waste product is easier to handle and dispose of than that resulting from current processes.

Yet another coal-related project directed by the University engineer involves the use of sensors and computer equipment to obtain information during blast hole drilling. This project is funded for two and a half years by the U.S. Department of Interior's Office of Surface Mining for a total of \$130,000.

The object is to obtain, automatically, detailed information on drilling performance and on the subterranean structures that must be blasted away in strip-mining operations to uncover the coal.

By detecting changes in drill speed, downward pressure, air pressure and other factors, the computer-linked sensors could provide information that is useful in placing explosives for maximum effect and economy.

Scheck says the sensors will also give accurate information on drill-hole lengths and on performance factors related to "down time," when the drilling rig is out of operation. Stored on a solid state memory cartridge, the data can be easily transferred to a central office computer for analysis.

The research is being carried out on campus and at mining operations of the Central Ohio Coal Co. near Cumberland in Guernsey County.

"Properly managed, this information could save coal companies up to \$1 per ton of coal," says Scheck. In the case of a company like Central Ohio, that could mean a maximum savings of \$3 million a year, according to the professor.

Geologists Turn Attention Toward Search for Local Energy Reserves

Unwilling to be left with engines idling during the energy race, the University's Geology Department is gearing up to help find and extract Appalachian coal and oil.

Under the direction of Chairman Moid Almond and previous chairman Geoffrey Smith, the department has hired three young faculty who are experts in energy exploration. A fourth geologist, on campus since 1976, is turning his attention from the deep-seated beds to Ohio and the oil-rich continental margins.

The new members of the Geology Department are geophysicist Ashok Kalra, 40; sedimentologist Ron Kreis, 35; and Damian Nance, 28, a structural geologist. Just arrived at the University in October, bridge-educated Nance is still getting his feet wet.

Both Kalra, who arrived in 1979, recently obtained "seed grants" from the University Research Council to initiate their studies.

Using sophisticated seismic techniques that have been employed in oil exploration elsewhere in the country, Kalra is focusing on coal and oil deposits in Appalachia. He's using his \$3,000 grant to perfect these techniques at the Federal Creek coal fields in Athens' Bern Township.

"These procedures will be applicable to coal exploration," Kalra says with conviction. "We'll just have to modify them and our data processing and interpretation."

Kreis is using his \$4,000 grant to apply new depositional models in examining sedimentation patterns in the area. "We're looking at where, how much and how thick this coal is and why," he says. "This information

tells us how the coal formed and allows us to predict its appearance elsewhere under similar conditions."

Now focusing his attention on coal and gas exploration, the fourth member of the team, Tom Worsley, has had NSF funding during the past 10 years for deep-sea studies. Graduate students working under Worsley have recently been mapping the continental margins, and he believes information from these studies will be applicable to the search for energy there and in the Appalachian Basin as well.

The department team expects to collaborate on important research projects for the good of the consumer, industry and the University. And the researchers note that the University's location is advantageous to their search: "The Appalachian Basin is where it's at. Much of it hasn't been explored and it's not at all well understood," explains Kreis.

Adds Worsley: "We're sitting right on top of the energy."

Alumnus Sees the 'Environmental View'

While Bob Savage and his colleagues around the nation are developing new energy technologies, a former student of Savage's is turning his attention to analysis and control of pollutant products of these processes.

Chemical engineer Mark Hereth '75, MS '78, is working "from the environmental viewpoint" for Radian Corp. of McLean, Va., a private firm that consults with both government and industry.

Besides doing field sampling to determine the impacts of energy technologies on the environment, Radian sets up treatability studies. "Basically what we do is go outside to a facility that is representative of what's in the field or of industry practice," Hereth says. "We set up equipment to test our assumptions on treatability of the pollutant." Their control technologies are "costed" for economic impacts to society and the industry.

A major part of Radian's work involves synfuels — coal gasification, coal liquefaction, oil shale extraction and refining. It's this area Hereth finds most stimulating. "These technologies are important to the national interest," he explains. "But they're also interesting because the work we're doing is on the front end rather than retroactive."

"The industries aren't established in this country, so the information we're developing gives industry something to shoot for. It's not a matter of retrofitting old plants."

Hereth describes his chemical engineering education as a "bag of tools . . . The chemical engineering background really prepares you to handle basic problem-solving areas. The work I did with Dr. Savage gave me a good background in energy technology and environmental problems."

Like Jim Liggett (see *Pollution*, page 11), Hereth doesn't believe pollution control laws and regulations will be dismantled.

"I think people are talking about streamlining instead," he says. "We can look at cost benefits in a more sensible manner, and we can rewrite the rules to give industry a better handle on how they can comply."

Ohio University TODAY

Energy Crisis: Campus Answers

R
Energy

A Stirling Engine Tale: 'Where's the Motor in This Thing, Anyway?'

William Beale is used to having visitors shake their heads and ask "Where's the motor?" when looking at his inventions.

The free-piston Stirling engine Beale first designed in 1961 is a deceptively simple-looking cylinder lacking connecting rods, bearings and gears.

It is also energy efficient, pollution-free, durable, noiseless, self-starting and capable of running on locally-found materials—everything from sunlight to sawdust and rice hulls.

Beale believes that farmers could operate tractors on Stirling engines powered by burning organic field waste such as rice hulls, wheat chaff or manure. Fueled by radioactive Cobalt 60, they could be used to run lighthouses or arctic weather stations.

The machines are adaptable to uses ranging from air conditioning and refrigeration to power generation and irrigation, according to the inventor. An alternative to conventional engines, the free-piston Stirling should be particularly attractive to developing nations where solar energy—either in the form of direct sunlight or of vegetable waste—is more readily available or economically attractive than petroleum-based fuels, Beale says.

Related to the machine invented by the Rev. Robert Stirling more than 150 years ago, the professor's engine consists of a simple tube containing a free-moving piston with a "bounce gas" at one end of the piston, a displacer and a "working gas" at the other end. When the working end is heated, the gas expands and drives the displacer and piston up, the bounce gas is compressed and the working gas is shuttled into a cold space, where it contracts. At this point the bounce gas pressure pushes the piston and displacer down and shuttles the working gas back into the hot chamber, where the whole process begins again.

An associate professor of mechanical engineering, Beale took a leave of absence from the University in 1975 to promote his Stirling engine research and production company, Sunpower Inc. While the businessman-scientist has interested both private firms and government in Stirling research, he is still awaiting the major funding that could bring his engines into the marketplace.

"Only lack of capital and institutional awareness and commitment prevent their use," says Beale, who's convinced that his invention's day will come.

"They're intrinsically worthwhile. They have a legitimate role to play in the modern world where, with high energy costs, they're bound to be attractive to the consumer."

by Dinah Adkins



Dr. William Beale and the reflection of his Stirling engine water pump



David Grieble, Ph.D '80

FTR Techniques Put to Use at Gulf

Less than a year has passed since Dave Grieble, Ph.D '80, graduated from the University with his doctorate in chemistry. Yet Grieble is already the man in charge of Fourier transform infrared spectroscopy (FTR) for the Analytical Technology Department of Gulf (Oil) Science and Technology at Harmarville, Pa.

A student of Distinguished Professor of Chemistry Peter Griffiths, Grieble is putting the latest analytical techniques to use in Gulf's energy research programs, including the diffuse reflectance procedures developed

by his teacher and nuclear magnetic resonance techniques.

"We're developing techniques to analyze any problem on the lot. We monitor coal gasification and liquefaction processes and refining processes for heavy crudes and shale oil," Grieble explains. "We also look at oil fractions, lubricating oils, gasolines, jet fuels and diesel fuels."

While on campus, the young researcher worked with Griffiths on the analysis of stack gases (see *Pollution* section) and conducted his thesis research on air pollution in coal

Pollution Problems: Campus Answers

Plastics Extrusion Process Aiming Toward Better Solar Glazing

John Collier never says his polymer extrusion process "might earn the University millions" without adding "or maybe not a dime."

Patented by the University in 1976, the process developed by the genial chemical engineering professor and a former graduate student can make polyethylene as strong as steel. That and its other advantages could translate into money in the bank for the patent-holder.

Backed by more than \$171,477 from Monsanto Textile Fibers and the National Science Foundation and \$55,000 from the Stocker endowment, the researcher is continuing his efforts to refine his process and enlarge its applications. According to Collier, these include use as high-strength tire cords, as suture materials, wire coating and strapping.

With a new \$33,000 grant from the Inter-University Energy Research Council of the Ohio Board of Regents, Collier and two of his nine graduate students are also hoping to make solar cell glazing materials that are superior to anything on the market.

Lighter and more energy-efficient than glass, fluoropolymers (plastics related to Teflon) are already in use in solar cells. But the conventionally-processed materials are either more fragile or less transparent than those Collier is attempting to develop.

In his laboratory, the professor and students Mark Barger and Kalyan Sehanobish show off the remarkable die that is the key to Collier's extrusion process. The deceptively simple-looking mold squeezes out polymers like toothpaste from a tube.

It works by pushing the polymer through a narrow orifice and causing the plastic to crystallize earlier than happens with other techniques. "Earlier crystallization means the individual crystals are smaller, so small that they don't impede the passage of light," Sehanobish explains. The end product is more transparent than that extruded by conventional machines.

"The crystals also develop a high degree of orientation in the die, making them stronger," Collier notes. Essentially, the molecules are elongated and forced to flow in the same direction rather than haphazardly, making them more difficult to break apart.

Further, the new process does away with expensive "downstream" equipment that's currently used to finish fluoropolymers, since the product is crystallized before it's extruded rather than afterwards.

What about the cost of Collier's glazing? "We believe our process will make a product that's slightly more expensive than glass but not out of line with the fluoropolymers already in use," he says.

plants. And he's still excited by the coal work he does for Gulf.

Grieble describes his department as a "catch-all" for research problems. Gulf scientists are taking theoretical work done at universities and translating it into industrially applicable procedures. "The basic theoretical work isn't being done here, but I like applied research," he says.

"I like the practical ends of methods development—relating to the problems that arise in industry. My mind just works that way."

P Pollution

Professor Uses High Technology To Measure Stack Pollutants

Nearly \$250,000 and six years after Distinguished Professor of Chemistry Peter Griffiths began using the latest equipment to measure smokestack gases and study water pollutants, he's "getting close" to solving his puzzles.

With the most sophisticated Fourier transform spectrometer and a tunable diode laser that's been available for a little more than two years, Griffiths believes he'll soon be able to measure the amounts of major pollutants as they are emitted from smokestacks without the need to collect samples. He'll also be able to identify trace amounts of volatile organic water pollutants that have been separated by a technique known as "gas chromatography."

"Conventional technology allows you to identify 100 nanograms, or a tenth of a microgram, of a given water pollutant by infrared spectroscopy. We're trying to bring those detection levels down by a factor of 100, to the 1 nanogram level or a billionth of a gram," Griffiths explains.

What do these mind-boggling numbers mean? Griffiths laughs at the example that comes to mind: "Comparing a nanogram to an ounce is like comparing the cost of a good dinner, about \$20, to the federal budget of \$600 billion."

The professor's research relies on a well-known finding: that molecules are made up of atoms that vibrate at certain frequencies and that a graph of these vibrations gives a "fingerprint" of the molecule.

While it's been possible for several years to get a graphic picture of smokestack gases and identify the compounds present, it's been impossible to measure these compounds quantitatively without impractical and laborious laboratory analysis. What Griffiths is trying to do is to monitor the major pollutants emitted from stacks automatically and at a convenient distance from the stack.

The method he's developing requires the use of some fundamental data that could not be obtained before the development of a tunable laser source, which can get more detailed information on compounds.

"We're using the laser to measure accurately what people thought had been measured accurately before but really hadn't," Griffiths points out.

Though monitoring stack gases will be extremely valuable, Griffiths believes other applications of his techniques will be equally important. For instance, scientists will be able to study the compounds found on distant planets by analyzing information from space probes. Griffiths' techniques could be useful to process control in the chemical and plastic industries as well, he says.

Another branch of the professor's research with water pollutants involves working with non-volatile compounds. The professor is refining a process known as "liquid chromatography" used in the analysis of compounds which cannot be examined as gases. Combined with his other techniques, Griffiths' improvements should allow him to identify automatically and with astonishing precision unknown elements in water.

According to the researcher, this work has caused considerable excitement at the U.S. Environmental Protection Agency, his funding source. Griffiths explains: "It means we'll be able to follow chemical reactions—between chlorine and the soil's humic acids, for instance—that have until now been a mystery."



Dr. Peter Griffiths in his Clippinger laboratory

EPA Man Works For Cleaner Air

"Everyone still wants clean air," says Ohio Environmental Protection Agency official Jim Liggett. "But the situation has become more difficult because the need for clean air has been somewhat overshadowed by energy, employment and the economy."

A section chief for the Dayton District Office of the Ohio EPA, Liggett, BS '71, MS '73, believes the public preoccupation with economic survival is being felt in the court system: "When the situation isn't cut-and-dried and there is an opportunity for flexibility, judicial bodies are weighing employment and a company's economic situation more heavily versus air pollution control than they did three years ago."

A regulator rather than a researcher, Liggett is a registered professional engineer who's used his chemical engineering training (and thesis research on air pollution) at the EPA for nearly eight years. "My work isn't as technical as what I may have been trained for, but it was certainly good training," he says.

The alumnus is responsible for permit review, air quality monitoring and general enforcement in a district covering 16 Southwest Ohio counties. The Dayton office oversees work done in Dayton and Cincinnati metropolitan area offices and has prime responsibility for all outlying areas.

Hundreds of industries, power plants, commercial establishments and public facilities are monitored by the Dayton office, which attempts to keep them in compliance with requirements for sulfur dioxide and hydrocarbon emissions and with standards for nitrogen dioxides and carbon monoxides. The office also keeps tabs on automobile emissions and their effects on ozone.

EPA officials are continually upgrading and revising standards as new industry moves into an area and old industries move out or revamp their facilities.

"One of the neat things about my job is that I'm involved with many different kinds of industries," Liggett says. "I've been in a lot of different plants and learned something about their operations and individual problems."

Most rewarding is "solving a problem situation that's been around for a number of years—bringing a company into compliance—and still having a good relationship between the agency and the company," he says.

While Liggett believes the pollution control effort has been "holding its own" of late rather than making the major advances of the early 1970s, he doesn't think pollution laws will be weakened in the future.

"I don't think the people on the regulatory end are worried about that," he says. "Our goal will still be to have reasonable and responsible rules and to enforce them."



James Liggett '71, MS '73

by Dinah Adkins

Ohio University TODAY

Pollution Problems: Campus Answers

Zoologist Studies Tiny Organisms In Ohio Streams Polluted by Mining

R1
Pollution

University zoologist William Hummon is one of the few Ohio scientists doing biological monitoring of waterways contaminated by acid mine runoff.

Initially funded by \$30,000 from the U.S. Department of the Interior, Hummon is continuing his work to benefit the Ohio Department of Natural Resources (DNR) despite the fact that his grant money has run out.

The DNR wants to know if a clay-blanket dam and surface sealing of coal mines near Lake Hope in Vinton County have stopped acid water that has fouled the lake. The reclamation project cost more than \$1 million.

Developed from chemical reactions between water and material exposed by mining operations upstream, the acid has decimated fish populations and colored the lake's water with brilliant green hues.

Hummon has sampled Sandy Run, a main tributary of Lake Hope, for two years. He began working Big Four Hollow last year at state suggestion. The creatures he studies are so small that 10 of them would fit on the head of a pin, and they live in the sands and bottom sediments of creeks, lakes and beaches, probably serving as food for higher life-forms.

So far, the professor's samples show no major change in the stream's microscopic life since the dam was installed.

"I think it's early however," he explains. "The healing process is one I'd expect to take a number of years." While the state has reported fish populations in the lake are growing and the water itself returning to a more normal state, Hummon believes the sediments may remain virtually unchanged for years to come.

Much of the zoologist's research answers basic questions about his tiny organisms. "This is another instance in which the answer to an applied problem lies in basic research," Hummon says. "If you don't know how these creatures act normally, you don't know what they do under stress."

Dr. William Hummon collecting samples of polluted water



Blast Site Was 'Home' for Alumna

Deborah Zmarzley, BS '77, is nonplussed by the fact that she recently called "home" a South Pacific atoll that suffered 43 atomic bomb blasts during the 1950s.

The Mid-Pacific Research Laboratory on Enewetak Atoll in the Marshall Islands has been in place for some 30 years, despite the bombing, so that American scientists can study the ecological effects of atomic radiation. For eight months during 1980, the lab also served as a base for Zmarzley's research on the symbiotic relationships of marine life on the atoll's reefs.

"It didn't really bother me. And I didn't have any curiosity to visit areas that were restricted," Zmarzley said. She explained that 500 Marshallese Islanders were recently moved back to their homes on the atoll by the U.S. Government and that it had been replanted with coconut palms that are now a scraggly two feet tall.

The Mid-Pacific lab was staffed by only six Americans, however, and it was isolated at the other end of the atoll from the Marshallese, who didn't speak English anyway. "It was difficult to spend all your time with the same people. And if you needed something for your experiments, you had to wait three months for it to come from Hawaii," Zmarzley said.

Still, the alumna found the atoll "a beautiful place, with plenty—biologically speaking—to do."

Working on her PhD in marine biology at the University of California's Scripps Institute of Oceanography, Zmarzley focused her research on the symbiosis of the feather star, an echinoderm related to starfish, and the tiny crustaceans, including shrimp and crab, that infest its colonies. Although this relationship has been noted in the past, it hasn't been the subject of scientific study, according to the young researcher, who noted that her information will help round out the picture on symbiosis in general and how it helps competing species get along together.

Zmarzley pointed out that the relationship she's studying is probably evolutionarily quite old. As proof she noted that the feather star's symbionts can change color to match the stars, which may be either red, orange, black or brown.

The alumna hopes eventually to work as a museum or aquarium curator, and she attributes her interest in marine biology to zoology professor William Hummon: "He's been extremely encouraging and a source of inspiration to me and a whole group of students. He's also the hardest-working man I've ever seen and I think I get my own work ethic from him."



Deborah Zmarzley '77

Engineer Works To Disarm Potent Killer Resulting From Combustion

Emitted by burning cigarettes and power plant smokestacks, benzo(a)pyrene is so potent that little more than a millionth of a gram can begin tumor formation on the skin of a mouse. Yet hundreds of tons of the stuff are released each year in the air over the United States.

Back at the University after two years with the U.S. Environmental Protection Agency (EPA) in Raleigh, N.C., chemical engineering professor William Baasel is studying the effects different types of irradiation have on benzo(a)pyrene.

Baasel believes gamma waves render the substance harmless, while ultraviolet light seems to increase its carcinogenic properties.

Since gamma radiation is itself dangerous, the researcher will be working with radiation from infrared and microwave sources as well. Baasel hopes to disarm the pollutant while it's still hot, straight from the combustion chamber.

"But we don't want to create a compound that's worse than what we've already got," Baasel says.

So the researcher will also be testing radiation effects on the thousands of other compounds in stack gases besides benzo(a)pyrene, and he'll look at other variables such as temperature and the presence of oxygen during irradiation.

A grant of \$150,000 from the EPA funds this work and another project of special relevance to Ohio. This one is on acid rain, which affects most of the industrial Northeast and is said to be making nearly a quarter of New York's northern mountain lakes too acidic to support aquatic life. Ohio is supposed to be the biggest producer—from its coal-fired power plants—of the nitrogen and sulfur oxides that cause the deadly rain.

Begun while he was at Raleigh, Baasel's research involves using a computer model to determine the costs of various emission control systems. The model takes into consideration the type and age of each of the nation's power plants, various scrubbers and coal-cleaning processes, spare equipment and even the holding ponds needed to contain material removed from stack gases.

The computer model will be updated as costs increase and new equipment is made available. Hefting a weighty computer printout, Baasel notes the size of his task but stresses: "The EPA has to have this information to draw up effective regulations and to determine costs and benefits."

by Dinah Adkins

Of Interest to Alumni



Ruth Zimmerman Kennedy

University Friend Dies

Ruth Zimmerman Kennedy, who with her husband, Edwin, endowed three major programs at Ohio University, died September 10 in New Vernon, N.J., after a lengthy illness.

A 1930 alumna who had been president of her sorority on campus, Mrs. Kennedy was recognized by the National Alumni Association in 1963 with its highest honor for her outstanding service to her alma mater.

Endowments funded by Ruth and Edwin Kennedy have enriched campus life immeasurably through underwriting the Distinguished Professor Awards, the Kennedy Lecture Series and Baker Fund research grants.

Twenty-four faculty members who have made significant contributions to their fields have been awarded the title of Distinguished Professor since the Kennedys initiated their programs "to create incentives to the achievement of excellence at Ohio University."

Distinguished Professors receive a half-year's paid leave and the right to name one student annually as the recipient of a full-^{tuition} Distinguished Professor Scholarship.

The Kennedy Lecture Series has brought to campus more than a hundred speakers from every sphere of life, among them Justice William O. Douglas, Margaret Mead, Arnold Toynbee, Paul Tillich, Henry Steele Commager, James Earl Jones, Gloria Steinem, Julian Bond, Alex Haley, Ralph Nader, Bruno Bettelheim and Benjamin Spock.

In 1980 alone, 10 faculty members are receiving Baker Fund awards for research on what a substantial beginning has been made and for which there is a definite need in terms of the University's programs.

With her husband, Ruth Kennedy was active in the New York Alumni Chapter, Kennedy, a University trustee for 16 years and a member of the Ohio University Fund board since 1958, served terms as president of these boards and the National Alumni Association. He was named 1971 Alumnus of the Year.

Four years ago the University honored Mr. and Mrs. Kennedy for their foresight and generosity. At that time, Dr. John C. Baker paid an affectionate tribute to both Kennedys, who had become cherished friends

during his tenure as Ohio University president.

He said that while in most cases it was difficult to pay joint tribute to a husband and wife, that was not the case with the Kennedys. "They were united in their belief that a university should be a place of excellence, where men and women will have their minds opened to the grave responsibilities of the atomic age and the unlimited opportunities of service to our nation and the world," Baker said.

The former president also reminisced about the day 20 years ago when, during a luncheon at the University Club in New York, Ed Kennedy casually said, "John, Ruth and I would like to do something important for Ohio University"

Outlining what the Kennedy's vision had meant in the years since then, Dr. Baker likened them "in their interest in and emphasis on educational excellence, to the Cutlers, the Putmans and the McGuffeys," holders of a rare conviction about the importance of education to the welfare of the individual and the nation.

Mrs. Kennedy had been active in her community and was a member of the Lutheran Church. In addition to her husband, she is survived by a son, Edwin Devereese Kennedy.

Music Gala

Sixty alumni spanning the years from 1926 to 1980 returned to campus in November for the School of Music's first Alumni Gala.

The event lived up to its gala billing, with concerts by faculty and students, a banquet, displays by student organizations, and a reception for Dr. Gerald Lloyd, the school's new director.

The day was topped off by a concert by the Ohio University Symphony Orchestra, featuring a dazzling performance of the Rachmaninoff Second Piano Concerto by Richard Syracuse.

Keynote speaker for the banquet was Robert Garwell '65, MFA '67, assistant dean of the College of Fine Arts and chairman of the Music Department at Drake University.

The gala—which will become an annual event—was the brainchild of Dr. Lloyd, who wants to keep alumni in touch with what is going on and give them a chance to comment on new directions they think the school should explore.

St. Patrick's Day

March not only signals the end of winter but also begins a new season of alumni activities and events across the United States. This year up to seven chapters plan to sponsor St. Patrick's Day celebrations — meaning that nearly 25,000 alumni could receive invitations to celebrations of the green holiday.

The grand-daddy of them all is the Cleveland Green and White's festivities, which in its sixth year is expected to attract more than 600 alumni.

Osteopathic Alumni

Almost as soon as the first 23 graduates of the University's College of Osteopathic Medicine received their June diplomas, they formed an alumni chapter and set up a student loan fund.

Members of the chapter, headed by Dr. Lawrence Serif, have already contributed \$600 to the fund, which they hope will eventually support an endowed scholarship.

Meanwhile, as early as winter quarter, a sophomore medical student with a strong academic record and proven financial need will be able to borrow from the new fund.

Diploma Display

Ever wonder how to display that well-deserved degree or honorary award? Ohio University graduates were mailed information on how to permanently display their diplomas and honors at home or in the office. In cooperation with the Perma Plaque Company, the alumni association is continuing to offer the service to all alumni. If the original information did not reach you, contact the Office of Alumni Relations at P.O. Box 869 and the brochure and order form will be sent.

Missing Persons

Ohio University Today would appreciate addresses for the alumni listed below:

Thomas A. Aldrich '78

Richard P. Bersnak '72

Dorothy A. Blue '39

Wayne L. Bockelman '60

William A. Bourie '49

Richard H. Brown '69

Richard H. Bullock '65

Brian L. Burton '62

Robert M. Bushman '75

Robert R. Cain '58

Mary Lynn Chapielski '76

Edward A. Christman '65

Arthur J. Davis '70

Teresa M. DeChant '78

Roy A. Deibler '75

Bienda L. Dev '76

Evanthia N. Diaconis '79

David A. Durell '69

Jane Fiege '73

Janet Lipkin Fish '69

Josephine Fraser '55

Shere L. Freeman '76

Please send the information to Alumni Records, Box 869, Athens 45701.

Alumni Authors

The Microeconomics of the Timber Industry, a book by David H. Jackson '62, has been published by Westview Press, Boulder, Colo.

Jackson earned his PhD in forest resources from the University of Washington and now is on the faculty of the School of Forestry at the University of Montana. In his book, he develops a theory of timber production and supply taking into consideration both short-term market speculation and long-term timber supply.

Alumni who have authored recently published books are requested to send information to the Alumni Office, Box 869, Athens 45701.

1956 Reunion

Thoughts of Hog Island, Migration Day and Powder Puff football games conjure up memories of campus life in the 1950's. The Office of Alumni Relations is researching it all in preparation for the 1956 class reunion weekend set for September 18-20.

Silver anniversary class members with current addresses received announcements and questionnaires in early January. Class members not receiving the information should contact the Alumni Office, P.O. Box 869, or call (614) 594-5128.

50th Anniversary

The dates set for the Golden Anniversary reunion of the 1931 class are May 15-17. Announcements were sent to all class members last fall and a questionnaire was mailed in early January. The Office of Alumni Relations needs your help in locating "lost" class members. Address updates should be sent to the Office of Alumni Relations, P.O. Box 869, Athens 45701.

Ohio University TODAY

Of Interest to Alumni continued Outstanding Chapter

The Massachusetts Alumni Chapter has received an "Outstanding Chapter Award" for 1980. The award was conferred by the National Alumni Board of Directors at its fall meeting and will be officially presented at the chapter's next event.

The Massachusetts chapter was cited by the board for its excellence in planning and the scope of its members' involvement. In 1980 the chapter's hard work in organizing its "First Ohio Dinner" at the Kennedy Library in Boston brought it and Ohio University national attention. The Council for the Advancement and Support of Education awarded both the Office of Alumni Relations and the Massachusetts Alumni Chapter an Exemplary Award for Alumni Events for the event commemorating the University's 175th Anniversary. It was the only alumni chapter in the nation to be cited in this category.

Additionally, the chapter supported Ohio University's School of Theater productions at the Monomoy Theater on Cape Cod. Each year members also organize and host "Ohio University Night" at the Boston Pops, inviting alumni from all the state universities in Ohio. In support of the Alumni Association, the chapter has updated obsolete addresses, promoted alumni events and contributed funds to supplement the budget of the alumni office.

The Outstanding Chapter Award was initiated in 1978 by the National Alumni Board. A formal resolution citing the Massachusetts Alumni Chapter's achievements will be displayed in the Konneker Alumni Center and a book will be presented to Alden Library with a bookplate noting the chapter's special designation.

Sanford Elsas '70 serves as Massachusetts Alumni Chapter president.

Second Generation

If you have a son or daughter who is nearing high school graduation, the Office of Admissions wants to know!

Each year the office communicates with tens of thousands of prospective students and would particularly like to get in touch with children of alumni. Admissions can send general information about Ohio University or specific information about a student's intended major field of study.

To get information, send your son or daughter's full name and address and year of high school graduation to the Office of Admissions, 120 Chubb Hall, Ohio University, Athens 45701. Be sure to specify the kind of information he or she would like to receive.

C. Brown Fund

Former students of Catherine Brown of the School of Health, Physical Education and Recreation faculty have established a fund at the University to show their appreciation of Miss Brown's commitment to education.

A member of the initiating group, Patricia Hackenberg '70, wrote that a fund for the women's athletic program "would be an excellent way of showing our appreciation for a person who has taught, coached or guided us toward achieving our goals." She noted that many alumnae still turn to Miss Brown who "will always listen, advise and aid us"

Gifts should be marked "Designated for the Catherine Brown Appreciation Fund" and sent to the Ohio University Fund Inc., P.O. Box 869, Athens 45701.

Wren's Men

Backed by 33 victories in 39 games, a Mid-American Conference Championship and NCAA District IV title, the 1970 Bobcat baseball team earned a trip to the College World Series and placed fourth nationally.

During the weekend of November 7-8, that 1970 team — the most successful baseball team in University history — held a 10-year reunion at the Hocking Valley Motor Lodge in Nelsonville. Twenty-two members of the team gathered for a weekend of events which included a brief recognition ceremony at halftime of the Ohio University-Maumee football game and a postgame dinner and reception hosted by Coach Bob Wren.

A recap of their athletic careers showed that four members of the team signed major-league contracts in 1970: Joe Carbone (Athletics), Ron Morrison (Tigers), Ed Robbins (Pirates) and Malcolm Smoot (Phillies). In 1971 Mike Schmidt signed with the Phillies followed by Gary Shadie (Pirates), Tom Smith (Angels) and Mike Hannan (Indians).

Alumni College

The word about the 1981 Alumni College is that you should register early to avoid being closed out of classes. This year's fourth annual Alumni College is expected to enroll a capacity class and reservations are being taken on a first-come basis.

A complete schedule of classes and activities will be reported in the spring edition of *Ohio University Today*. Alumni can expect to enjoy lectures by several of the University's top faculty, films, an Ohio Valley Summer Theater production and recreational activities. A Young Alumni College program for children 6 to 12 will again be offered.

The three-and-a-half day affair will begin on Thursday, July 16, and close on Sunday, July 19. Currently, the Alumni Office is hoping to keep the cost below \$115 per person, including room, board, tuition and recreation fees.

To make sure that you receive an Alumni College brochure and registration form, send a postcard or letter request to Alumni College '81, Office of Alumni Relations, P.O. Box 869, Athens 45701.

Summer Scholars

If you're an Ohio University graduate who's been away from the campus for at least three years, you have a chance to try for one of two summer scholars that will be awarded by the National Alumni Board for study in August this summer.

The Alumni Scholars Program is one of only a handful offered by alumni associations in the country, according to Alumni Director Barry Adams.

He says the program recognizes the fact that many alumni want to improve their chances for advancement, make a career change or broaden their skills, but are held back by the financial considerations.

The fee waivers will cover the total cost of up to 20 hours of summer course work. Complete information on the Alumni Scholars Program and applications are available by writing the Office of Alumni Relations, P.O. Box 869, Athens 45701, or calling (614) 594-5128.

Homecoming 1981

Planning for the 1981 Homecoming has already begun, and alumni should circle their calendars for October 10. Each year Homecoming attracts more and more alumni, families and friends, and Alumni Director Barry Adams notes that 1981's event should be one of the largest yet since it's Ohio University's 60th.

The Homecoming Committee is interested in assisting alumni chapters and groups planning to meet in Athens for the traditional event. Just write the Office of Alumni Relations, P.O. Box 869, Athens 45701, or call (614) 594-5128. The Homecoming brochure will be mailed in August, but if you want to receive yours before that, send the Alumni Office a postcard.

Board Nominations

If you're an alumnus or alumna who would like to be considered for a seat on the National Alumni Board of Directors, or if you'd like to nominate another Ohio University graduate, write the Office of Alumni Relations for complete information and nomination forms. April 1 is the deadline for nominations.

The board meets in Athens twice each year — during Homecoming Week and in the spring — to evaluate, recommend and advise the Office of Alumni Relations in planning alumni activities. It is the primary governing body of the Ohio University Alumni Association, and its members work with departments, colleges and alumni groups to consider ways to involve alumni with current University programs.

Vacancies occur on a rotating basis, with board members required to serve three-year terms. Six new directors will be named at the board's May meeting. Requests should be addressed in Nominations, Office of Alumni Relations, P.O. Box 869, Athens 45701. A form can be requested by calling (614) 594-5128.

Trustees Academy

The Trustees Academy, Ohio University's major gift society, has 10 new members, with membership coming either with a \$10,000 cash gift, a pledge of that sum over 10 years, or a \$25,000 deferred gift.

New members and their gift designations include:

Harriet and Melvin Helitzer of Athens, the School of Journalism.

James and Kathleen Riestenberg of Athens, unrestricted.

Arthur and Clay Littick of Zanesville, Ohio University-Zanesville athletics.

Sandra Gray of Athens, owner of Dress-Ups in Athens School of Theater.

Charles Hall of Colorado Springs, Colo., College of Osteopathic Medicine.

Helmet and Lotti Zwahlen of Athens, Department of Industrial and Systems Engineering-Traffic Safety Fund.

Charles Fulks of Athens, unrestricted.

Earl and Patricia Funk, co-owners of Sports, Inc., of Athens, unrestricted.

John and Mary Warman, co-owners of Sports, Inc., of Athens, unrestricted.

Cheerleader Reunion

What's a Homecoming parade without cheerleaders? The search is on to locate alumni who cheered for Bobcat teams in former years. Hopes are to have a reunion at Homecoming for all former squad members and to have them participate in the parade. Contact the Office of Alumni Relations, P.O. Box 869, Athens, (614) 594-5128, if you are a former cheerleader or know of alumni who were members of cheerleading squads.

People

Pre-1930s

Clark M. Dougherty '26 has completed a 150-hour course necessary to retain his license as a doctor. He has a 50-year career as a doctor and practices in New Philadelphia.

Ludel Boden Savageot '27 is adjunct professor with Kent State University's Journalism Department.

1930s

Dorothy Clady Thomas '30 has retired from teaching from Edison Middle School after 34½ years in education. She lives in Marion.

Donald Bradford '35 has celebrated the 50th anniversary of his high school graduation and the first anniversary of the publishing business he formed on his 66th birthday. He publishes a magazine called *Sheep Tales*.

1940s

Robert W. Coe '40, who was Ohio's first university examiner and served as resident examiner at Kent State University for 21 years, has retired from the state auditor's examiner service.

Robert de France '40, former vice president and agency director with State Automobile Mutual Insurance Co. in Columbus, retired after 32 years of service.

Royce H. Sproull '42 has retired after 34 years of service with the National Aeronautics and Space Administration. He was awarded the NASA Exceptional Service Medal for his contribution to the Project Viking Mission to Mars. He resides in Yorktown, Va.

Vivian L. Moore Wynn '42 is a fourth grade teacher at Norton Elementary School in Bucyrus. Her husband, **Donald E. Wynn** '46, is the editor of the *Bucyrus Telegraph Forum*.

Lois Mitsch '44 was honored as Altruistic Woman of the Year by Alpha Alpha chapter of Alpha Delta Kappa, an organization whose members are chosen for their excellence in teaching. She was honored for her contributions to education and to children in her community. Mitsch is also president of the Ohio Alpha Delta Kappa chapter. Retired after teaching for 35 years, she lives in Mansfield.

1950s

Florence Mraz Gapp '50 is working in contract administration for the U.S. Army Corps of Engineers in Portland, Ore., and lives in Lake Oswego, Ore.

Glenn R. Hemsworth '50 has resigned as president of BancOhio National Bank in Washington Court House.

Carolyn Cummins Kirkwood '50 is educational director for a social service agency working with handicapped children. She is married to **David M. Kirkwood** '51, an architect with Levin, Porter and Smith. They reside in Dayton.

Lois J. McKnight '50x is coordinator for the Avon, Avon Lake and Sheffield Lake Tri-City Office on Aging.

Boyd W. Post '50 has been appointed to serve one year on the U.S. Department of Agriculture's Science and Education Administration's Joint Planning and Evaluation Staff as a group leader for natural resources.

James Riddell '50 was elected to a three-year term on the Lorain Community Hospital Board of Trustees. Riddell, who is president of the Consumer Builders Supply Co., is also director of the boards of Lorain National Bank and Ohio Ready Mixed Concrete Association. He lives in Avon Lake.

Donald Baggs '51 has retired from teaching at Harding Freshman Building in Marion after 28 years in education. Baggs is a resident of Marion. **H. Robert Wismar Jr.** '51 is chairman of Hoag, Wismar, Henderson Association, an architectural engineering-planning firm in Cleveland.

Sidney A. Davis '52 is a vice president of NBC News in Washington, D.C.

Raymond Beebe '53 is a chemist at Lubrizol Corp. in Cleveland.

Herbert Burson '53, MEd '65, is superintendent of the Vinton County School System in McArthur. **Forrest J. Colegrove** '53 is on the Wheelersburg Board of Education. Colegrove is an associate professor of mathematics at Shawnee State Community College in Portsmouth.

James D. Regan '53, a researcher in the Oak Ridge, Tenn., National Laboratory's biology division, has received two medals from Japanese institutions for his work in cancer research.

Richard G. Farrell '54 is executive vice president and general manager of the New York office of Marsteller Inc.

Michael J. Henry Jr. '54 is vice president of finance and administration at Lynes Inc. in Houston, Texas.

Edward Perkins '54, MEd '64, is employed as a school psychologist at Morgan High School in McConnelsville.

Jacqueline Pleat '54, MS '56, was honored by the Greater Cleveland Red Cross for 15 years of service. Pleat, a water safety instructor, has taught synchronized swimming and Y.W.C.A. learn-to-swim programs.

Joanna Ley Wagner '54 is director of field services with the Central Ohio Educational Television Foundation. She also is editing the *COE-TV-AGRAM*, a newsletter mailed to 17,000 teachers in the foundation's member schools in central and southern Ohio. She lives in Gambier with her children and husband, **Robert C. Wagner** '50, a superintendent of the Mohican Youth Camp.

David C. Bowman '55 is rector of Trinity Episcopal Church of Toledo.

Douglas Price '55 is manager of Central National Bank's retail products division in Chagrin Falls.

Marion Bennett Webb '55, MEd '62, PhD '73, is superintendent of the Urbana City School District. **Marguerite Glendenning Camp** '56 is a retired counselor of the Richland campus of Dallas County Community College in Texas. She and her husband own and operate the Square Trunk Antique Shop in Wylie, Texas.

Donald E. McBride '57 is principal at Conotton Valley High School in Carrollton.

Howard Nolan '57 is chief engineer of planning and design at the Ohio Department of Transportation in Columbus.

Larry Andress '58, a member of the Ashland Evening Lions Club, was elected district governor for 1980-81 during the annual convention of the Ohio Lions District 13-B at Sandusky. Andress is a principal of Osborn School in Ashland.

Noah V. Garris '58, MEd '59, has retired as superintendent of Huron City Schools. Garris has spent 30 years in school administration.

John E. Robbins '58 was chosen Chairman of the Year by the Professional Insurance Agents Association of Ohio at its second regional convention. Robbins, who is associated with Urse, Robbins, and Walker of Columbus, was also named to the association's board of directors.

Jeannette I. Lemasters '59 is chief accountant with Paramount Life Insurance Co. in Little Rock, Ark. **David B. Schneider** '59 is vice president of the International Association of Business Communicators in Zanesville.

Robert F. Thompson '59 was promoted to senior editor of the *Regional Press* in Painesville.

1960s

Robert Erzen '60 is director of headquarters personnel of GTE Service Corp., a subsidiary of General Telephone and Electronics Corp. in Stamford, Conn. Erzen resides in Darien, Conn.

Richard J. Obrecht '60 is the registrar at Ashland College in Ashland.

Gary J. Rice '60 was promoted to manager of sales promotion for the BF Goodrich Tire Group in Akron.

Frederick R. Rufener '60, principal of Central Junior High School in Fairborn, received a Teacher/Administrator Salute from the Fairborn Education Association.

Frank E. Whitmore '60 has been promoted to vice president of operations for the Phoenix Glass Co. of Monaca, Pa., a subsidiary of Anchor Hocking Corp.

James R. Brown, MEd '61, is the principal at East Elementary School in Lancaster.

Larry L. Leedy '61 is vice president of investor relations at Alco Standard Corp. in Cleveland.

Lois P. McGuire '61, MFA '69, executive director of Karamu House, has been elected to the Board of Overseers of Case Western Reserve University. **Pantelis Pete Paradissis** '61 was promoted to engineering manager at Lorain Products Corp. in Lorain. Paradissis resides with his wife and children in Amherst.

Irene G. Bandy '62 is executive director for administration for the Ohio Department of Education in Columbus.

Ross G. Stephen '62 was promoted to associate librarian at Rider College in Lawrence, N.J.

Susan J. Taylor '62 is on the Jackson Board of Education. She teaches in the Vinton County School System.

Joann Pfleifer Winegardner '62 teaches high school Spanish and social studies in Huntington, W. Va. **M. Norman Kemp** '63 is vice president in the corporate marketing department at The Travelers Insurance Co. in Hartford, Conn.

Samuel D. Roth '63 is treasurer of Roth Bros. Inc., president of El Emeth Temple and a member of the Kent State University Hillel Advisory Board. He resides in Liberty.

Jack Coyan '64 is superintendent of Jackson City Schools.

Harold D. Cullum '64 is principal of Circleville Junior High School in Circleville.

Charles E. Litz '64, professor at Kansas City University, was selected for the President's Outstanding Service Award. Litz was recognized for his instructional and development work in the Kansas Bar Association's law-related education project.

Stuart J. Sharpe '64, MA '66, has been appointed regional manager of Regional Reps. Corp., a Cleveland firm which represents radio and television stations in six Midwest states.*

Paul Williams '64 is an associate in Hammel Green and Abrahamson Inc., Architects & Engineers in St. Paul, Minn. He and his wife, **Sandra K. Darliog Williams** '66x, live in St. Paul, Minn.

Paul C. Blackman '65 is the national marketing director for Cowne & Co., member of the New York Stock Exchange in Cleveland.

C. James Blue '65 is manager of manufacturing for the Air Pollution Control Division of the Ceil-cote Co., a unit of General Signal in Dayton.

Melvin B. Christian '65 was named the Secondary Teacher of the Year at Tippecanoe School in Tipp City. He teaches social psychology and world religion at the school.

Dana J. Lewis '65, co-owner of five McDonald's restaurants, was chairman of the 1980 Yule Time Seal Campaign. Lewis is also an associate with Jack Spence Real Estate. He lives in Zanesville with his wife and two children.

William R. Reid '65 is a part-time mayor for Wickliff and a cost accountant at Lincoln Electric Co. in Cleveland.

David W. Coffey '66, MEd '71, is the director of athletics at Tennessee Tech University in Cookeville, Tenn.

Albert J. Frasca '66 has written a book for gun collectors entitled *The 40-70 Springfield*. He and his wife reside in Springfield.

Michael S. Goodman '66 is the small claims commissioner for the San Diego Municipal Court in California.

Franklin R. Koontz Jr. '66 has been promoted to professor of technological media at the University of Toledo.

Michael Krasny '66, MA '67, was appointed state-wide dissemination coordinator for the National Endowment of the Humanities and Mellon Foundation (NEXA) program in California. Krasny is a professor at San Francisco State and recently joined ABC News in San Francisco on local station KGO as a commentator.

Brian Lanier '66, MS '69, is vice president of operations at the Fostoria plant of Seneca Wire and Manufacturing Co.

Terrance E. Leaman '66, MA '71, is president of Art Center Dayton for the 1980-81 year. Art Center Dayton is an association of graphic arts professionals. Leaman is a member of the corporate advertising staff at Armcoc Inc. in Middletown.

Josette A. Waldek Tolford '66 has been promoted to marketing analyst for the planning staff of the service parts group at Dana Corp. of Toledo.

Edward A. Van Cleef II '66 is producer-director for the Mississippi Authority for Educational Television in Jackson, Miss., and is also in charge of special projects.

Richard L. Yoho '66 earned a master's degree in art education from Hartford Art School, University of Hartford. He is an art instructor and department chairman at Eliot School in Clinton, Conn.

James L. Erwin '67 is assistant administrator for resources management at Wright-Patterson Air Force Base in Dayton.

Jim Jordan '67 is assistant principal at Woodrow Wilson Junior High School in Newark.

Brenda C. Allen Kallner '67 is working with the South Central Ohio Regional Education Service Agency in Piketon as a coordinator of career education in Scioto, Pike and Lawrence counties.

Sandra Knapp '67 is the principal of Robert Louis Stevenson Elementary School in Grandview. She resides in Worthington.

Gary Maunder '67 is principal at General Sherman Junior High School in Lancaster.

Edward L. McGlone '67 is dean of the College of Arts and Sciences at Mississippi State University in University, Miss.

Duane Miller '67, principal of Dalton Elementary School, has retired as Dalton's basketball coach.

Donald R. Phillips '67 is assistant principal of the Stanberry Freshman School in Lancaster.

Blase M. Pietrafese '67 is sales manager for Century 21 Launders & Associates Inc. in Mentor.

Phillip Roberts '67 is Meigs County engineer. He resides in Gallia County with his wife, **Karen Kailey Roberts** '80, a nursing supervisor at Holzer Medical Center.

Helen Marie Schumacher '67 is administrator at Pope John XXIII School in Columbus.

Fred H. Speece Jr. '67 is vice president of the management division at First National Bank of Minneapolis. He and his wife, **Linda Isner Speece** '67, live in Hopkins, Minn.

Sten A. Williams '67 is assistant vice president of Mercantile National Bank in Dallas.

Wayne P. Aspey '68, PhD '74, assistant professor of zoology at Ohio State University, has been elected a fellow in the International Society for Research on Aggression. Aspey was recognized for his research on aggressive behavior in wolf spiders and the use of statistical methods in the analysis of complex problems in aggression.

Ohio University TODAY

Chapter Notebook

OHIO: The Central Ohio Green and White Club and the Central Ohio Miami Club gave their first Ohio University-Miami Football Party on October 16. More than 60 club members gathered at Schmidt's Party House in German Village for the pre-game party. Brian Burke, Ohio's head football coach, and Tim Reed, Miami's head coach, were guests. For further information on Green and White activities, contact Tom Hess (614) 446-8600, office, or (614) 457-5039, home.

The Columbus Metropolitan Chapter sponsored a post-Halloween Costume Fantasy at Mr. Larry's East in Columbus on November 1. The event was coordinated by Chapter President Cecil Jones. Proceeds from the event went toward the Columbus area Ohio University Black Scholarship Fund.

The Central Ohio Alumni Chapter welcomed area alumni and the Marching 110 at a reception in the lower lobby of the Ohio Theater November 10. Arrangements for the reception, which followed the Marching 110 Varsity Band Show, were made by Chapter President Barbara Kaufmann.

The Cleveland Green and White Club held both pre- and post-game receptions on December 6 for area alumni who attended the Ohio University-Cleveland State basketball game. Held at the University Center on the Cleveland State campus, the receptions were hosted by members of the Green and White. The event was coordinated by Glenn Corlett and the Office of Alumni Relations.

The Greater Dayton and Montgomery County Alumni Chapter held its annual fall dinner at the Imperial House South, Dayton, on December 10. **GEORGIA:** The annual holiday get-together sponsored by the Atlanta Alumni Chapter was held in the Drake Room at the Journey's End on December 12. Bill DeMonye, chapter president, coordinated the event with the Office of Alumni Relations. Attending from the Athens campus were President Charles J. Ping and Cathy Barrett, assistant director of alumni relations.

CALIFORNIA: Little Joe's Restaurant in Chinatown was the site of the December 8 reception and dinner for Los Angeles area alumni. Barry Adams, director of alumni relations, and Jack Ellis, director of development, were guests. Coordinators of the event were Mary Jane Turner '70 and Ron Janney '67.

The first luncheon for San Diego area alumni was held December 6 at the Padre Trail Inn near Old Town. Providing updates on University activities were Barry Adams, alumni director, and Jack Ellis, development director. Stephanie Starr '78 coordinated the event with the alumni office.

San Francisco area alumni met for an "Ohio University Today" evening on December 11. The reception was hosted by Mike Kress '65 in the Apollo Room of the Olympic Club. Barry Adams, director of alumni relations, was a guest. The program also included a special showing of *Ohio University: The People and the Place*, filmed in 1979.

PENNSYLVANIA: A reorganizational meeting was held November 12 by members of the **Greater Pittsburgh Alumni Chapter**. The chapter held a Sunday brunch for area alumni on December 7 at one of Pittsburgh's Landmarks, the Grand Concourse. The event served as a kick-off for activities planned by the chapter during the upcoming year. Coordinators were Herb Hungerman, Nancy Scott and Beth Valicenti.

FLORIDA: The first scheduled reception for Tampa Bay alumni was held December 9 at the Hall of Fame Inn. Hosting the event was Mike Hern. University guests included President Charles Ping and Cathy Barrett, assistant alumni director.

A cocktail reception December 5 at the Foster Harmon Galleries of American Art, 1415 Main St., Sarasota, opened holiday festivities planned by the **Florida Suncoast Chapter**. The following day, the chapter sponsored its seventh annual luncheon meeting at the University Club in Sarasota. Special guests for both events were University President Charles J. Ping; Cathy Barrett, assistant alumni director; and Jan Cunningham Hodson, assistant development director.

A 4 p.m. hors d'oeuvres reception was arranged by the **Greater Orlando Alumni Chapter** on December 7. News of the new Konneker Alumni Center was provided by President Charles J. Ping and Cathy Barrett, assistant alumni director. Also attending was Jan Cunningham Hodson, assistant development director. Coordinating the event were Bettie Preston, chapter president, and Betty Jean Cochran, chapter vice president.

MISSOURI: A 1904 World's Fair theme was chosen for the October 4 dinner sponsored by the **St. Louis Chapter**. Held at Chapter President Darryl and Ellen Ross's home, the evening was highlighted by University guest Provost Neil S. Bucklew. Co-hosting were Jim and Ann Pease.

ILLINOIS: Members of the **Chicago Alumni Chapter** were hosts at a Go-Green reception on November 1 after the Ohio University-Western Michigan University football game. The event was held in the Epicure Room of the Holiday Inn West and more than 40 alumni attended. Guests from the University included President Charles J. Ping; Provost Neil S. Bucklew; Harold McElhaney, athletic director; and Paul Nisenthal, associate development director. Coordinating the event with the alumni office were Chicago chapter officers Dan Streiff and Bob Forloine.

INDIANA: More than 40 **Muncie area** alumni gathered on November 15 in the Pittenger Student Center for a Go-Green Brunch preceding the "first-ever" football clash between Ohio University and Ball State University. Guest speaker was Harold McElhaney, athletic director. Also attending from the University were Barry Adams, alumni director; and Jan Cunningham Hodson, assistant development director.

TEXAS: The **Houston Alumni Chapter** held an evening reception and dinner for area alumni on December 4. Hosting the event at the Gung Ho Restaurant was Wayne Ballantine. University guests included Barry Adams, alumni director, and Jack Ellis, development director.

NEW YORK: The annual holiday reception and dinner of the **New York/New Jersey Alumni Chapter** was arranged by Larry Tavcar. At the Park West Suite of the Top of the Sixes on December 5, the chapter welcomed Joel Rudy, associate dean of students, as the evening's speaker. The chapter is also working on a special evening designated as Ohio University night for the Cheryl Wallace Dance Works. It marks the opening night performance for the group, with the evening serving as a reunion for alumni in the performing and visual arts. For details contact Larry Tavcar (212) 986-6100 ext. 318.

ARIZONA: The Valley Room of the Arizona Biltmore was the site chosen for the **Phoenix area** alumni reception on December 4. University guests included Jack Ellis, director of development, and Barry Adams, director of alumni relations. The program, hosted by 1973 grads Dave and Jackie Beals, also included a showing of *Ohio University: The People and the Place*.

Alumni Calendar

March 12 Central Ohio Alumni Chapter, Columbus Metropolitan Chapter and Columbus Green and White Club St. Patrick's Day Celebration at "The Spot" - Engine House #5, 121 Thurman Ave., German Village. For information, Contact Barb Kaufman, (614) 464-1956.

March 14 Greater Los Angeles Alumni St. Patrick's Day Celebration, 2-5 p.m., Beachbum Burt's, 605 N. Harbor Drive, Redondo Beach, Calif. \$2 per person. Contact Mary Jane Turner (213) 430-6242, evenings.

March 14 Greater Cincinnati Alumni Chapter St. Patrick's Day Celebration, 2-5 p.m. at Lucy's in the Sky-Holiday Inn Downtown, 8th and Linn Sts. Contact Dan Nash, chapter president, (513) 762-4401 or Linda Avedon, secretary, (513) 871-6781.

March 14 Dayton and Montgomery County Alumni Chapter St. Patrick's Day Celebration, 3-6 p.m., Harrigan's Tavern, 3059 Far Hills Ave., Kettering. Contact Walt Harrison, chapter president, (513) 859-0452 or Dale Springer (513) 885-2816.

March 14 Greater Washington, D.C., Alumni St. Patrick's Day Celebration, 6-9 p.m., Ireland's Own, 132 N. Royal St., Old Town, Alexandria, Va. \$1 for members, \$2.50 for nonmembers, or \$3 for membership dues. Contact Bruce McElfresh (202) 857-7172 or Jeff Finkle (703) 354-6204.

March 15 Office of Admissions-Cleveland Area Reception, 2 p.m.

March 19 Office of Admissions-Pittsburgh Area Reception, 7:30 p.m.

March 21 Minneapolis Alumni Chapter St. Patrick's Day Party.

March 21-29 Alumni Bahamas Holiday Trip—8 days and 7 nights. Cleveland departure available. \$430 plus 15 percent airfare, accommodations and baggage transfers. Optional tours available. Contact Office of Alumni Relations (614) 594-5128.

March 24 Ohio University Mother's Club of Greater Cleveland noon luncheon meeting at Higbee's Downtown 10th floor lounge. Program: Scholarship Card Party. Contact Florence Nowac (216) 662-4476.

March 24 Ft. Lauderdale Area Alumni Reception. **April 4** Akron Association of Ohio University Women afternoon meeting, 1:30 p.m., 2291 27th St., Cuyahoga Falls. Program: "A Land Called Holy." The Rev. J. B. Wolfe, Grandview United Methodist Church. Contact Ruth Thompson (216) 928-3334.

April 10-11 Prospective Student bus trip from Greater Dayton area. Contact Dale and Harriette Springer (513) 885-2816.

April 10-11 Prospective Student Weekend. Contact Office of Admissions (614) 594-5174.

April 14 Ohio University Mothers' Club of Greater Cleveland noon luncheon meeting. Higbee's Downtown 10th floor lounge. Program: "Who Are You Astrologically?" Dolores O. Bryant. Contact Florence Nowac (216) 662-4476.

April 14 Columbus Metropolitan Chapter business meeting, Columbus Public Library, East State and Grant Sts., Room 216, 7 p.m. Contact Cecil Jones (614) 451-6346.

April 24 35th Anniversary of First Fund-Raising Event for Ohio University. Ohio University Fund Board Meeting.

April 24-25 National Alumni Board of Directors Spring Meeting.

April 24-25 Prospective Student Weekend. Contact the Office of Admissions (614) 594-5174.

April 24-25 Department of Geography Spring Symposium for alumni and students.

April 25 Cleveland Women's Club Spring Luncheon. Hosted by Westside Section.

April 30 Chicago Alumni Chapter Spring Banquet with guest speaker Danny Nee, head basketball coach.

May 1-2 Mom's Weekend.

May 1-3 Ohio University Mothers' Club of Greater Cleveland chartered bus trip to Athens for Mom's Weekend. Contact Florence Nowac (216) 662-4476.

May 2 Akron Association of Ohio University Women afternoon meeting, 1:30 p.m., 1563 Sackett Hills Drive, Akron. Program: "A Word from Campus." Contact Pearl Shary (216) 923-3448.

May 9 Greater Minneapolis Alumni Chapter reception. Guest speaker Danny Nee, head basketball coach.

May 12 Columbus Metropolitan Chapter business meeting, Columbus Public Library, Room 216, 7 p.m. Contact Cecil Jones (614) 451-6346.

May 15-17 Golden Anniversary Reunion - Class of 1931. Registration from noon to 5 p.m., Ohio University Inn lobby.

June 6 Akron Association of Ohio University Women picnic and officer installation, 12:30 p.m., 1715 W. Connet Rd., Clinton. Contact Patricia Hercules (216) 882-4231.

June 13 Commencement.

July 16-19 Alumni College '81.

Will Power?

All the rest, residue and remainder of my real and personal property I give, devise and bequeath to The Ohio University Fund, Inc., of Ohio University, Athens, Ohio, as a scholarship fund.

Just how powerful can these 32 words be?

So powerful that when they recently appeared in the will of an Ohio University alumnus, they triggered an endowed scholarship fund which will annually provide \$15,000 in student financial aid.

So powerful that these scholarships will continue in perpetuity as a memorial to this wise alumnus.

That's will power — and you don't have to be a millionaire to have it work for you.

If you'd like to know how you can benefit Ohio University and at the same time take advantage of significant estate tax savings, send us the card below — we'll tell you all about it.

I would appreciate additional information about including Ohio University in my will.

I am pleased to indicate that I have already included Ohio University in my will.
(If you prefer your name be kept confidential, kindly check here:

Name

Class of Ohio University graduate

Street

City State Zip

Phone

People continued

Linda Moffatt Bainbridge '68 is employed by the Licking County School District as a secondary teacher in the areas of teacher development, CETA, grants and publications. Her husband, William Bainbridge '67, is superintendent of the Newark schools.

Frederick R. Morrow '68 is customer service manager of General Telephone Co.'s Portsmouth District.

Carl H. Sandberg '68, MA '70, is completing an MEd degree in finance at the Harvard Business School.

Alexander F. Smith '68 is dean of student life at Denison University.

Robert M. Smith '68 is special assistant to the assistant secretary in public affairs of the Department of Health and Human Services, Bellagio, Washington, D.C., for 1980-81. He is working in research, planning and evaluation of communication efforts by the department.

Corinne E. Stuker '68, selected by the Heath City Schools, a Martha Holden Jennings scholar for the 1980-81 school year.

Thomas Bednar '69 was promoted to district sales manager of *Chemical Engineering* magazine for McGraw-Hill Publishing Co. in New York City.

Myra Court is a graduate from Ohio Wesleyan University at Delaware with a bachelor's degree from Riverside School of Nursing at Columbus. She is a nurse at University Hospital and lives in Columbus.

Judge Greener '69 was promoted to principal from his position as assistant principal at Washington Senior High School in Washington County House.

Dennis A. Dyer '69 is principal of Lanier Elementary School in the Twin Valley Local School District in Peebles County. His wife, Joyce Bowdy Dyer '68, is an executive secretary for Joffe Enterprises in Dayton.

Thomas E. Hawley '69, MM '75, is conductor of the All-American Youth Honor Choir composed of students from throughout the United States. He is choral conductor at Coshocton High School.

Thomas S. Johnson '69 is manager of publications at Republic Steel Corp.

William J. O'Neill '69 was admitted to practice law in Ohio. He and his wife are partners in O'Neill's Landing, a restored hotel on Lake Erie. They reside in Geneva-on-the-Lake.

Michael J. O'Neill '69 is product manager for micrographic products at AAF Corp. in New York City. He lives in Yonkers, N.Y.

Clarence Page '69 is director of community affairs at WBHM-TV in Chicago.

Joseph Peters Jr. '69, MEd '73, is the principal of St. Paul High School in Mansfield.

James Sands '69 is pastor of Clarkburg United Methodist Church in Clarkburg.

Sidney Albert Schaudies '69 has received a master of arts degree from the University of Air Force-sponsored education programs offered at the College of Teacher Education at U.S. military bases in Europe. He took his classes at the USAFE base at Rhein Main, Germany.

Dale Schmid '69 has been promoted to director of product development for the Mead Corp.'s central research laboratories in Chillicothe.

Arthur W. Steller '69, MEd '70, PhD '73, is assistant superintendent for elementary education in Shaker Heights.

Richard E. Stevens '69 is principal of Zane Trace Elementary School in Zanesville.

Douglas E. Strasser '69 has been promoted to vice president of marketing for the professional systems division of the Dayton-based Reynolds & Reynolds Co.

Harriet Darling Wood '69 is teaching language arts in the fifth and sixth grades at Central School in Wellston.

1970s

Bessie M. Angles '70, MEd '77, is head teacher at Unitec Intermediate Learning Center in Chillicothe.

Carolyn Baffert-Baugh '70 is vice-president of Crozier Mortgag Co. in Atlanta, Ga.

Upendra Haridas Chohra '70 has received his master of business administration degree from Shippensburg State College in Pennsylvania.

Louis J. D'Antonio '70 has joined the finance department of the University of Denver College of Business Administration.

Delmar E. George '70 is engineer and surveyor for the City of Cambridge.

Edward E. Sabo '70 is laboratory director for Natick Corp. in Natick, Mass.

Timothy J. Sherer '70 is manager of Provident Mutual's Life Insurance Peninsula Agency. His wife, Terri Herivik Sherer '70, has completed her masters in education and is counseling junior high students in San Jose, Calif.

James E. Shirkman Jr. '70, a Muskingum County assistant prosecuting attorney, is chairman of the Supreme Court Committee in Muskingum County.

Workman also has a private law practice in Zanesville. He is married to Carlotta P. Peterson '71.

Bruce W. Bowers '71 is a part-time instructor at Hiram College.

David G. Engelbert '71 completed his masters degree in public administration at Central Michigan University. He is employed as a staff trainer for the Montgomery County Welfare Department. His wife, Karen Diane Engelbert '71, is a fourth grade teacher for Tipp City Schools.

Elizabeth Goodin '71 is teaching classes for students with severe behavioral handicaps at Fostoria High School and Fostoria Community Center.

Stephen K. Hiles '71 is on the Licking County Joint Vocational School District Board of Education.

Hiles is employed in the public affairs office of the American Electric Power System's coal mining, transportation and transportation headquarters in Lancaster.

Virginia B. Johnson '71 is principal of West Elementary School in Athens.

Bethany Kuepp '71 is speech and hearing specialist in the Buckeye and Cuyahoga districts in Wooster.

William L. O'Loughlin '71 was promoted to vice president and continues as regional branch administrator for Buckeye Federal Savings and Loan Association in Columbus. O'Loughlin is an Upper Arlington resident.

Donald K. Royston '71 is director of marketing of Porcelain Products Co. in Carey. He is married to Virginia L. Cuthridge '70.

Mark S. Smith '71 was promoted to chemist with the Ohio Water Service Co. in Mentor.

Mike Aleck '72, MA '77, is executive director of the Northwestern Ohio Community Action Commission in Delancey.

Ronald W. Baker '72 is city engineer in Marion. Wesley N. Connor '72 is a partner in the Black & Connor Insurance Agency in Columbus and has been named the Outstanding Speaker for 1980 by the Ohio Insurance Institute.

Robert J. Clegg '72 is an associate teacher at Gallia Academy High School in Gallipolis.

Douglas Grothman '72 was promoted to branch manager and loan officer for CBAF Mortgage Co.'s Davison Residential Loan Division.

K. Scott Johnson '72 is a vice-president at Howard Stark Advertising in Columbus. He resides in Worthington.

Christopher Joss '72 is employed by Zep Manufacturing Co. based in Atlanta, Ga. He is the regional manager for the Midwest and the Central Ohio Region and lives in Columbus.

Thomas W. Kuehn '72 is an assistant librarian in bibliographic operations for the American Chemical Society's Chemical Abstract Service in Columbus.

Donald M. McCorkle '72 is junior masonry instructor at Pike County Joint Vocational School in Pikeston.

Raymond Omen '72 is a loan officer at Mutual Federal Savings and Loan Association in Zanesville.

Alex Pohulaj '72 is a metallurgical inspector in the pipe mill at St. Steel, Lorain-Cuyahoga Works. He and his wife reside in Lorain.

John R. Rouse '72 is assistant vice president and branch manager of Home Savings and Loan Co. in Sandusky.

Stephen L. Schwabe '72 is account supervisor in the Toledo office of Fahlgren & Ferris Inc., an advertising agency and public relations relations agency. Schwabe and his wife and their two children live in Perrysburg.

Bernard Cheg Warung '72, BBA '73, MBA '74, is a lecturer at the University of Nairobi in Kenya.

Susan Ackerman '73 has been promoted to underwriting manager of staff life and health insurance by the Nationwide Life Insurance Co. in Columbus.

David S. Boyer '73 has opened a family medical practice in Perryburg.

John Klassen '73, director of the Massillon Museum, was inducted into the Wadsworth Sports Hall of Fame. Three of his track and field records at the Wadsworth High School have not yet been broken.

William F. Loucks '73 is the industrial engineering manager for Arcor Co. in Lancaster.

Frances R. Macrae '73 has been promoted to account manager in the D. W. Macrae Co. in San Francisco. She resides in Greenbrae, Calif.

Charles Patterson '73 is district sales manager of food service sales of J. M. Smucker Co. in Cleveland. He resides in Fairview Park.

Robert J. Pfeifer '73 is teaching at Baldwin-Vincent Elementary School in the Warren Local School District in Barlow.

James A. Range '73 has joined the law firm of Busch & Range in Philadelphia. He is also an associate city attorney prosecutor at the New Philadelphia Municipal Court. His wife, Marcia J. Warie Range '73, has been a substitute teacher in Dover and New Philadelphia.

C. George Ruble '73 is a real estate agent for RE/MAX International Realtors. He lives in Columbus.

Don Seitz '73 is a contract representative for Automatic Sprinkler Corp. of America's Tampa, Fla., District Office. His wife, Christine Schrock Seitz, is a speech therapist for the Hillsborough County Schools in Tampa.

Kevin D. Brown '74 is chairman of the liaison committee for the Public Relations Society of Eastern Ohio in Orrville.

W. H. Brown '74 is assistant basketball coach at the University of Arkansas in Fayetteville, Ark.

Larry T. Eveland '74 is agency director for the State Farm Ohio Office in Newark.

James Kellogg Frey '74 is Ottawa County sanitary engineer in Port Clinton.



BAHAMAS HOLIDAY

March 21-29

Would you like to take that vacation in the Bahamas that you have promised yourself every winter? For the low price of only \$139 plus 15 percent, you can spend 8 days and 7 nights basking in that island paradise. Price includes round-trip airfare from Cleveland, hotel accommodations and barefoot transfers. A variety of optional tours will be available. (Bahamas Holiday replaces Bermuda Holiday announced in summer 1980 issue of *OU Today*.)

GREEK ISLES

June 8-16

Departing on regularly scheduled airlines from Ohio to New York, this deluxe tour to Greece is being offered at the unbelievably low price of \$1,099 per person. Price includes hotel accommodations, two full meals daily, all excursions, and a one-day island cruise. Schedule allows free time to explore Athens and other Greek cities.

IRELAND ADVENTURE

August 27-September 4

Ireland remains one of the most popular destinations for tourists, and this year's Alumni Tour affords participants an opportunity to experience this unique and beautiful country. The holiday includes three nights in Dublin, three nights in Limerick, round-trip transportation via Air Lingus (commercial connecting departures from Cleveland, Cincinnati, and Columbus) and numerous optional tours in both Dublin and Limerick. Price per person, including all transfers and hotel accommodations, is just \$799 plus 15 percent. A New York departure price is available for \$819 plus 15 percent.

HAWAIIAN HOLIDAY

One and Two Week Options

November 11-18, and

November 11-25

Join other Ohio University alumni and friends as they begin the winter months with a holiday in Hawaii for one or two weeks. Includes a round-trip to Honolulu and stays at the Waikiki Beach Hotel, deluxe lodging at the Hawaiian Regent Hotel, several optional tours to other islands, and a special feature allowing you to stay one week for only \$799 plus 15 percent and two weeks for an additional \$299 plus 15 percent.

When available, please send me

complete information on the

alumni tours checked below:

Send to:
1981 Alumni Tour Program
Ohio University Alumni Association
P.O. Box 869
Athens, Ohio 45701

Bahamas Holiday

Greek Isles

Ireland Adventure

Hawaiian Holiday

Name _____

Address _____

City _____

State _____



1981

Ohio University TODAY

People continued

Frances Wertheim Ginsburg '74 is serving her residency in obstetrics/gynecology at the New York University Medical Center in Bellevue. Her husband, **John**, is a managing editor and managing agent of *Firehouse* magazine, a national consumer magazine serving the fire and emergency services. They reside in Manhattan.

Bill Hough '74 is a contract of Grace College and Hospital. He is a medical student and is working on his masters in theology. He lives with his wife, **Patricia Hough Hough '73**, and four children in Winona Lake, Ind.

Leanne F. Holzapfel '74 has opened a law office in Winton Woods, Ohio.

Larrie V. Hutton, MS '74, PhD '79, is an instructor in psychology at Marietta College.

Robert A. Kramer H '74 is the owner of Johnson's WJ Radio Station, a division of The Kramer Communications Inc. Kramer resides in Gahanna.

William C. Lee '74 is city service director for St. Clairsville.

Deborah L. Roach '74 is executive director of the Appalachian Ohio Regional Transit Association (AORTA) in Athens.

James R. Sudder '74 is chief of the Portsmouth Fire Department.

Larry P. Smith '74 is with the Security Bank of Athens.

Nancy Taylor '74 is city editor of the *Marietta Daily Times*.

Steve J. Wilson '74 joined the law firm of Ostlund, Maynor, Phillips & Bres Co. in North Royalton. He also has received the Guardian Title and Guarantee Award as outstanding real estate law graduate in his class at Cleveland Marshall College of Law.

Willie A. Atkinson '75 graduated from the Methodist Theological School in Ohio and is serving the Christ United Methodist Church in Lakewood.

Sandra R. Becker '75 is manager of internal communications at NCM Corp. in New York City. **Hebbie Ghazzi '75, MED '76**, former tennis coach at Texas Women's University, is now the women's tennis coach at Lamar University in Beaumont, Texas.

Elaine A. Goldman '75 is co-partner in the creative department at Sharp Advertising Inc. in Cleveland.

Christopher M. Griffin '75 is a free-lance writer and teacher on his masters in acting at Ohio State University.

Thomas Jenkins '75 is assistant principal at Jackson High School in Jackson.

Sally Meiring '75 is head of the reference department at the Mansfield-Richland County Public Library.

Charles E. Million '75 has been promoted to manager of policy and procedures at the Liberty Financial Management Co. in Columbus.

Carolyn A. Moore '75 is an associate economist at National City Bank in Columbus.

Susan Roberts '73 is associate athletic director and women's field hockey and basketball coach at Fordham University in New York.

S. J. Sherry is the new football coach at Hocking Technical College in Nelsonville.

Diana Lynn Stender '75 graduated from West Virginia University with a master of arts degree in reading. She is teaching at the Ellsworth Middle School and is a varsity cheerleader advisor at Tyler County High School. She lives in Mid- dleton, W. Va.

David C. Wolfson '75 is on the Westerville North High School varsity coaching staff. Scott **Wolfe '76** has been promoted to communications specialist in corporate communications at Armcro in Middletown. Crawford lives in Cincinnati.

Susan Gwinn '76 is on the Athens-Hocking-Vinton County Mental Health 656 Board. A lawyer, Gwinn recently opened a private practice in Athens.

Pamela S. Hardman '76, PhD '80, is an assistant professor in the English Department at Baldwin-Wallace College in Berea.

Jane Ann Karr '76, MAHSS '80, is an audiologist in the Speech and Hearing Center of Scioto Memorial Hospital.

Lauren A. Dysterke Kay '76 is the director of music at the College of Saint Teresa, Winona, Minn.

Lucinda Kesseler '76 is teaching art for the Jackson County Art Council and is also a teacher for Eastern Local Schools in Jackson.

Key L. Larkins, MED '79, MBA '80, is senior business analyst for strategic planning with Nationwide Insurance Co. in Columbus.

Priscilla Nicholson '76 is working with the Hardin County Local School System.

Alan R. Stricker '76 is an occupational work experience coordinator at the Delaware County Joint Vocational School in Delaware.

James A. Sulman, MED '76, is principal at Shawnee Elementary School in Huron.

Chuck Swirsky '76 is a sports talk host for WWTN in Chicago.

Angela Walton '76 is teaching at Green Elementary School in Galion.

S. Zane Wilson, MA '76, is the pastor of Belle Valley and Ava United Methodist churches in Caldwell.

Jim Dick '77 is a neighborhood youth worker for Ross County.

Chris Graziano Dragan '77 is editor of the Bedford *James Register* and Maple Heights *Press* in Bedford.

Andrew J. Freer '77 is principal of Western Reserve High School in Wakeman.

Robert G. Gandy '77, DDS '80, is a dentist in Athens. **Richard Kilgore '77, MBA '78**, is a soccer coach for Muskingum College in DeBorah, Mich.

Anthony E. Mantell '77 is head football coach at Northwest High School in Portsmouth.

Carolyn A. McElroy '77 is director of Help Anonymous with the State of Ohio in Columbus. **Kristi Porginski Newman '77** is publicist and administrative assistant for the Southern Ohio Museum and Cultural Center in Wheelersburg.

Roy O. Noyes '77 is an engineer in the second engineering-electronics department for Shell Chemical Co. in Belize.

Mark S. Perry '77 is microbiology/immunology supervisor and research chemist in medical microbiologist at Mayo Memorial Hospital in Rochester.

Jon R. Smith '77 is the trainer of the New Haven (Conn.) Night Hawks of the American Hockey League, the top affiliate of the New York Rangers.

Paul M. Tapie '77 is a performer at the Cleveland Playhouse.

Alex S. Tomoff '77 has been promoted to supervisor of Coopers and Lybrand in Cleveland.

Ronald Ware '74 is buriel chief of the Painesville *Telegraph* and its office.

David A. Walker '77 has been promoted to production maintenance superintendent at Ohio Valley Electric Corp.'s Kyger Creek Station.

Bruce E. Watts '76, GED '77, is an employment manager at Medical Center Hospital in Chillicothe.

C. David Willis '76 has been promoted to director of market planning and program development for Hillenbrand Industries of Batesville, Ind.

Gary A. Wright '77 is superintendent of the Licking Valley School District in Licking, Ind.

Bennett M. Almond Jr. '78 teaches at Norwell High School in Ossian, Ind., and lives in Decatur, Ind.

Roger A. Carlson '76 is manager of production and maintenance control for Artesian Industries of Mansfield. He and his wife, **Susan Perkins Carlson '79**, reside in Ashland.

Jack Delaney '78, MA '79, is head band director and instrumentation director at Jackson High School.

Kevin J. Jerome '78 was promoted to engineer in the load management engineering department at San Diego Gas & Electric Co. in San Diego, Calif.

Joseph L. Lewandoski '78 has received his master of education degree from Stetson University in DeLand, Fla.

Arthur M. Krasilovsky '78 graduated from Case Western Reserve's School of Applied Science with a master's in social work. He is employed at Hill House in Cleveland.

Terry L. Mays '78 has been promoted to first lieutenant at the Marine Corps Air Station in Yuma, Ariz.

Michelle L. Mays '78, MA '80, is an instructional television specialist with Gulf Region Educational Television Affiliates (GRETA) in Houston, Texas.

Rene' Nichols '78 is girls head basketball coach and teaches health and physical education at Fairfield High School in Lancaster.

James H. Zoller '78 is editor of *Landmark*, the National Magazine of Energy Issues in Washington, D.C.

John J. Allore '79 is enrolled at American Graduate School of International Management, a school in Glendale, Ariz., training men and women for international careers.

Larry Bond '79 is principal at Carroll Elementary School. Bond resides in Columbus. **W. Christian Brooks, MED '79**, is the elementary principal at Jackson-Liberty School in Fostoria.

Paul Randal Doyle '79 was designated a naval aviator during ceremonies at Naval Air Station in Milton, Fla. He is stationed in San Diego, Calif.

John D. Frazee '79 and **Patricia Connors Harbarger '71** are house parents at the Foster Group Home for Girls in Hamden.

Robert L. Hoy '79 teaches mathematics at Gallia Academy High School in Gallipolis.

William Loretto '79 is the aquatic director at the YMCA in Mansfield.

Mark A. Longstreth '79 is a management trainee at Mutual Federal Savings and Loan Association in Zanesville.

Karen A. McClintock '79 is the patient activity coordinator for St. Luke's General Hospital in Cleveland.

Martin McGreevy '79, MSPE '80, is teaching physical education at North and McConnellsville elementary schools. He also is 4th and 8th grade girls basketball and track coach.

James W. Mahoney '79 is principal of South Zanesville Elementary School in Zanesville.

William W. Repp '79 received a master of science degree in administration from Northwestern University in Evanston, Ill.

Kenneth E. Swepson III '79 is youth recreation coordinator of the Youth Alternatives Program in the Tri-County Community Action Agency in Athens.

Teresa Dawn Ward '79 is working with Lankala Baptist School in Waipahu, Hawaii, teaching second and grades.

Robert J. Wilson '79, a felony investigator with the *Collected Area Jaycees* of the Year.

David Whitaker '79 was promoted to export coordinator for Arcar Co. in Baltimore.

Sherrian Wood '79 is director of nursing at the Jackson Care Center in Jackson.

1980s

Carol L. Booton '80 is a learning disability specialist at Gallia Academy High School in Gallipolis.

Cheryl Caldwell '80 is employed at Marietta Memorial Hospital in Marietta.

Ruth E. Egan '80 is teaching home economics at Morgan High School in McConnellsburg. **Jeffrey Conley '80** is assistant baseball coach at Trimble High School in Jackson.

Susan Elaine Crabtree '80 is teaching special education at Parker Elementary School in Waynesburg.

Donald D. Clegg '80 is a second lieutenant in the U.S. Army Reserve.

Jeffrey Allen Dutton '80 is assistant manager of Radio Shock in Zanesville.

Margaret R. Dobos '80 is public relations director for Sherman College of Straight Chiropractic in Spartanburg, S.C.

Donald E. Fink '80 is working with Halle's in Cleveland.

Gina Guanciale '80 is the learning disabilities teacher in the middle school in New Concord.

Linda E. Hause '80 is working toward the U.S. Army Reserve upon graduation. She will attend officers training at Ft. Benjamin Harrison, Ind., and later will be stationed at Fort Knox, Ky.

Kathy Reiley-Hartzel '80 has joined the editorial staff of the *Grove City Record*. Her husband, **Steve**, is a police officer in Grove City, and a research associate at Ohio State University.

Richard R. Higdon '80 is teaching and coaching at Mayville High School in Zanesville.

Peggy A. Kapp '80 is teaching third grade at Zanesville Christian School in Zanesville.

Mark Knapp '80 is teaching physical education at Morgan High School and is also varsity baseball and wrestling coach at the McConnellsburg school.

Cindy Metzger '80 is a fourth grade teacher at Mayville High School.

Mark A. Miller '80 is a teacher at Laverne D. Middleton, MA '80, is teaching at Coe College in Cedar Rapids, Iowa.

Nancy Albert Miller, MED '80, teaches mathematics in the middle school in Beverly.

Kathy A. Robbins '80 is teaching in the Intensive Vocational Business Office Education Program at Jackson County High School.

Elaine Palmer '80 is teaching elementary learning disabilities classes in Huntington, W. Va.

Mark A. Pfeifer '80 is a teacher at Mayville High School with E. J. DuPont de Nemours Co. in Parkersburg.

Darrell L. Riggs '80 is teaching mechanical drawing, music, and eighth grade Bible at Zanesville Christian School in Zanesville. He is also the high school cheerleader coach.

Stephanie L. Secret '80 is on the nursing staff at Berlesea Hospital in Zanesville.

Susan L. Steepe '80 is a mathematics teacher at Shenandoah High School in Caldwell.

Robert A. Stubbins '80 is youth director at the Tuscarawas County YMCA in New Philadelphia.

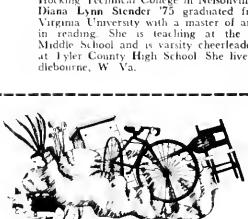
Jeffrey N. Stone '80 is working as a programmer in Chemical Abstracts Service's research and development division in Columbus.

Linda A. Tackett '80 is teaching in the home economics department at Shenandoah High School in Caldwell.

Greg Williams '80 is handling the ministerial responsibilities at the New Hope United Methodist Church in Zanesville, and is attending the United Theological School in Dayton.

Rita Wilson '80 is employed at Marietta Memorial Hospital in Marietta.

Beth Ann Young '80 is teaching kindergarten at Ashville School in Circleville.



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Athens, Ohio 45701

Deaths

Esther Kassicich, a former assistant director of development at Ohio University, on October 11 in Fedora, S.D. She served as director of the annual gifts program at Ohio University and coordinated the Ohio University Associates' activities. She held a bachelors degree from Northeast Missouri State University and served as a substitute in schools in Athens County and in Logan and Lancaster. She is survived by two sons.

Rose D. Rutherford on October 6 at O'Bleness Memorial Hospital. Prominent in Ohio University and community affairs, Mrs. Rutherford was a member of the Committee to Restore the Konnecker Alumni Center and was working to restore the center's carriage house as a gift to the University in memory of her husband, Dwight D. Rutherford '26, LLD '76. She received the honorary alumni award posthumously from Ohio University on October 9. She was also a member of the Ohio University Trustees Academy. Survivors include a daughter and three grandchildren.

Belle E. Schloss Lavelle '15 on September 4 in O'Bleness Memorial Hospital in Athens after a brief illness. She taught school in Nelsonville, Canaanville and Athens high schools. Mother of the Year in 1951 at Ohio University, she is survived by three daughters, Elizabeth Lavelle Mulvaney '46, Kathleen Lavelle Shamel '47 and Therese Lavelle Skinner '52, and by three sons, Philip F. Lavelle '54, John Lavelle '52 and Ohio University Board of Trustees Chairman William A. Lavelle '49. Survivors also include a sister, a brother, 29 grandchildren and 5 great-grandchildren.

Leota B. McBride Becker '19 on September 1 in Marietta Memorial Hospital. Mrs. Becker was a Marietta school teacher until her retirement in 1961 and was active in Marietta community affairs. She is survived by a son, a daughter, six granddaughters and two great-grandchildren.

Brice H. Connell '20 on August 5 in Berger Hospital in Circleville. He was a school teacher for 46 years and a principal and superintendent for 42 years in the Darby Township School District (now the Westfall District). Survivors include his wife, two daughters, two sons, eight grandchildren and four great-grandchildren.

Marie Jewett Williams '22, MA '29, formerly of Athens, on October 14 at the Hillview Retirement Center in Portsmouth. Mrs. Williams was a former teacher at Malta-McConnellsburg High School and Athens High School. She was a member of Alpha Gamma Delta sorority and Cresset, the Ohio University senior women's honorary. She is survived by her husband, Clark E. Williams '21, Emeritus '68, her daughters, Barbara Williams Love '56, Carolyn Williams Lester '61, her son, Clark E. Williams Jr. '64, and four grandchildren.

Beulah May Renwick Cecil '23 on July 2 in Sunnyslope Nursing Home in New Philadelphia after a two-year illness. A retired first grade teacher, she had taught for 39 years in the former Main Street Elementary in New Philadelphia before retiring in 1958. Surviving are her husband, a stepson and a stepdaughter.

Mary Helen Vanata '24 on May 21 at Miami Valley Hospital, Dayton. She taught elementary school in Darke County for 11 years. She also worked 33 years as executive secretary for the Dayton Power and Light Co.'s Greenville and Dayton offices, retiring in 1967.

Forrest N. Racey '25 on July 23 at Good Samaritan Medical Hospital in Zanesville. He was a veteran of World War I, serving in the U.S. Marine Corps. He leaves his wife, Clarice Chamberlain Racey '27, two sisters and two brothers.

Alice Edwards Wright '27 on September 14 in Cleveland. Mrs. Wright was a librarian at Morley Library in Painesville from 1961 to 1977. Before working at Morley Library, she was a librarian in Akron and Burbank, Calif. Survivors are two sons and four grandchildren.

Harley E. Barnhill '28 on September 27 at his home in Rocky River after a long illness. Barnhill was manager of F. W. Woolworth Co. in Rocky River for 10 years and was controller of U.S. Refining Co. in Cleveland until he retired due to ill health. He is survived by his brother, Lowell A. Barnhill '31x, his sister, Lula A. Barnhill Chapman '15x, and two other sisters.

Ralph K. Zimmerman '28x on September 15 in Salem. He is survived by his wife.

Thelma Wambaugh Patterson Dudek '29, BSED '31, on June 22 in Cleveland. She was a Cleveland school teacher for 30 years. She is survived by her husband, three children, and six grandchildren.

Kathleen Keri Dozier '36 in Cincinnati of cancer. She was an Alpha Xi Delta member. Survivors include a husband, a son, a daughter and three grandchildren.

Jeanette Wardeo Wellman '36 on April 12.

Glen G. Marsh '38 in May. Marsh was with U.S. Steel Corp. in Youngstown. He is survived by his wife, Ruth K. Herron Marsh '30, and two sons, including John R. Marsh '66.

Mary Howell Ralston '39 on June 1 at her home in Flushing. She had recently returned to Ohio after living several years in Washington, D.C. There she served as president of the Women's International Religious Fellowship and was honored in December 1979 by the United Nations Association on Human Rights for her efforts for children around the world. She was a member of Phi Mu Sorority and as an undergraduate served as chapter president. Surviving are her husband, Orlan Clemmer Ralston '40, two sons, including Maurice H. Ralston '62, and two grandchildren.

Genevieve Mahfood Deepc '42 on September 13 at St. Augustine Manor Nursing Home in Parma. Mrs. Deepc began a teaching career in 1922 and was developer of the vocational intensive office education program in the Parma school system. Survivors include two sons and two grandchildren.

Ruth Hollingsworth Foos '42 on August 9 at Union Hospital at Dover. She retired in 1965 as a teacher in the West Lafayette school system.

She is survived by two sisters.

Paul E. Bashford '49, MS '52, on September 18 in Tucson, Ariz. He joined Vitro, the armament test activity, in 1953, did patent research with the Shellmar Products Co. at Mt. Vernon, and research and development with the McBee Co. of Athens. He then served with Lockheed until near retirement. He also taught special classes at the University of Arizona. Survivors include his wife, a son and two daughters.

William E. Sammons Jr. '49 on October 12 of an apparent heart attack in Chillicothe. Judge Sammons served on the Chillicothe Municipal Court for 18 years. He received numerous awards from the Ohio Supreme Court for excellent judicial service and was often asked to travel to other counties to try controversial cases. He had been admitted to practice in all courts of the State of Ohio, Federal District Court, Federal Court of Appeals and the United States Supreme Court. He was a member of the state and local bar associations and past president of the Ohio Municipal Court Judges Association. He was active in community affairs and the Ohio University Alumni Association.

Robert G. Rose '53 in August.

William D. Thaxton '57 during the summer in Circleville. Mr. Thaxton had been principal at Circleville Junior High School since 1977.

Donald R. Zak '57 on September 27 after an apparent heart attack at his home in Independence. Since 1974 he had worked part-time as special assistant to Rep. Ronald M. Mott of Parma. He had worked for 20 years as a financial analyst for Dun and Bradstreet in Independence. Survivors include his wife, Joann Bowers Zak '64, a son, and two daughters, including Mary Loreo Zak, who is a sophomore at Ohio University.

Eileen Fulcher Dressler '59 on June 5 at her home in Chillicothe. She taught mathematics for 20 years in the Chillicothe school system before retiring in 1977. She was a member of the Chillicothe Chapter of the Order of the Eastern Star, the American Association of University Women and Beta Chapter of Phi Beta Psi. Surviving are two daughters, two sons and five grandchildren.

Wayne A. Wolford '60 on September 3 in an automobile accident near Bellefontaine (see Weber '68). A registered architect, he was a member of the National Council of Architectural Registration Boards and the American Institute of Architects. He had offices in Bellefontaine. Survivors include his wife, Judy Barlup Wolford '66x, his father, a daughter, two sons and a granddaughter.

Mary Blayoe, Emerita '62, on July 29 at First Community Village of Columbus. A professor emerita at Ohio University, she belonged to the music staff for many years. She was a former choir director for the United Methodist Church in Athens. She is survived by two nieces.

L. Stailey Boord '65 on September 1 in Marietta Memorial Hospital of brain cancer. He was a partner in the Marietta law firm of Addison and Boord. Before returning to Marietta, he was assistant Richland County prosecutor from 1971 to 1973 and legal advisor to Mansfield and Richland County law enforcement agencies in 1973 and 1974. Boord was active in community affairs and was a 25-year veteran of Boy Scouts of America. Survivors include his wife, and a son and daughter.

Richard B. Weber '68 on September 3 in an automobile accident near Bellefontaine (see Wolford '60). He was the owner and operator of Weber Realty Co., was a member and past president of the Logan County Realtors Association and also a member of the state and national realty associations. He is survived by his wife, Cheryl L. Tuleski Weber '69, his parents and two sons.

Dean J. Wojnicz '68 on September 5 in Marion as a result of injuries sustained in a car accident. He was a foreman at the Quaker Oats Co. in Marion. He is survived by his wife, a son and his parents.

Peter C. Galler '73, MS '75, on May 20. He was a certified public accountant.

Robert J. Greske Jr. '74 on July 16 of an aneurysm in Pontiac, Mich. He had received his master's degree in economics from Purdue University in 1976 and was a professor of economics at Oakland University in Rochester, Mich.

Colleen Ocel Lute '75 on September 4 at the home of her parents in Mechanicstown. She taught in the Minerva Local School System for four years. She is survived by her husband and parents.

Items for Ohio University Today's "People" section should be sent to Susan Kerkian, director of alumni records, P.O. Box 869, Athens, Ohio 45701.

Items for "Of Interest to Alumni" and requests for further information on alumni events and programs should be sent to Barry Adams, director of alumni relations, at the above address.

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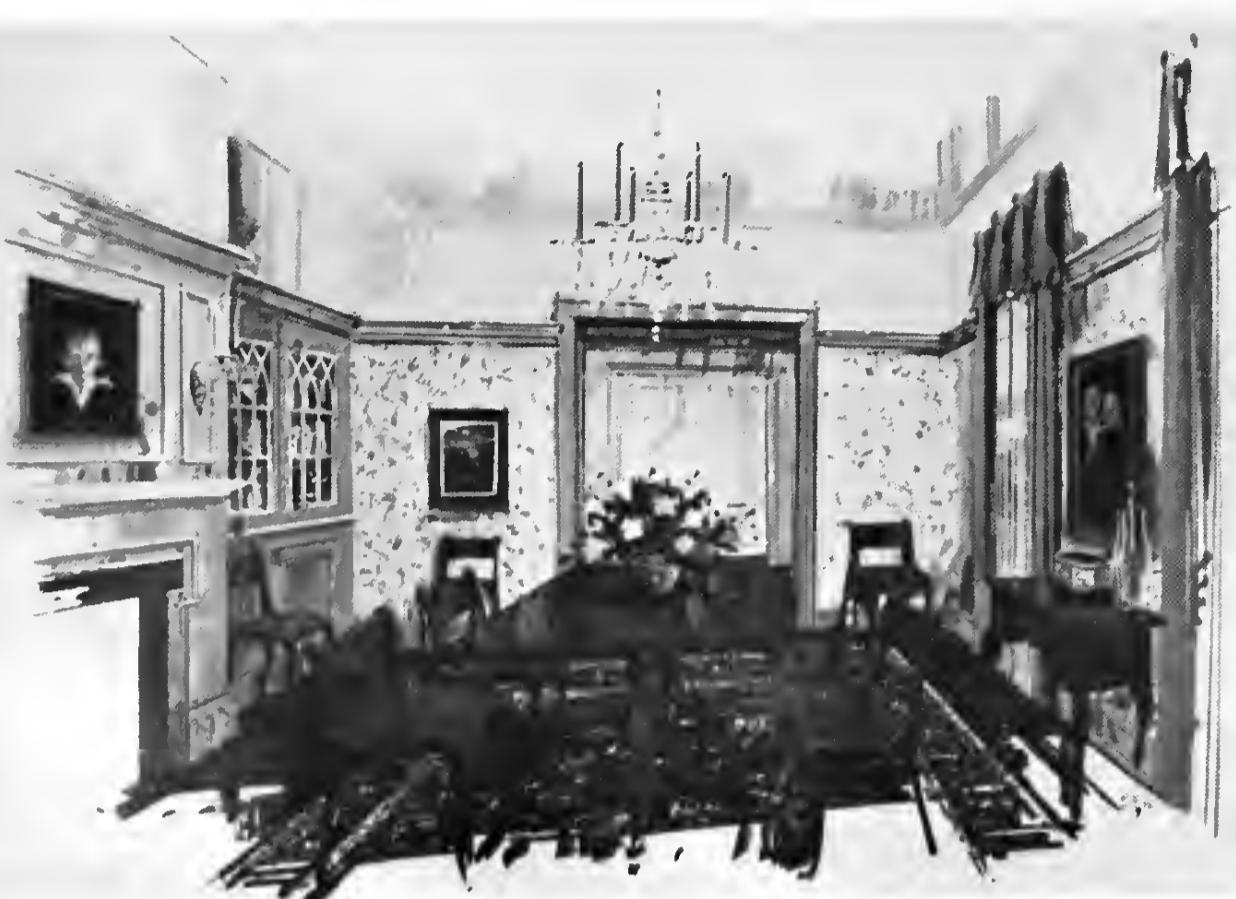
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Konneker Alumni Center Refurbishing Effort Picks Up Speed

No rigid schedule exists for the project to turn the Konneker Alumni Center into a modern workplace with the look and feel of a fine turn-of-the-century residence.

But Alumni Director Barry Adams hopes the house will be ready to be dedicated during the October 10 Homecoming. Seven of the 17 designated areas have already been "bought" by alumni and friends and will bear nameplates recognizing the donors or memorializing individuals or families.

"We're not trying to recreate the house as it was when completed for General and Mrs. Grosvenor in 1901," Adams says. "It's going to be a well used place—about as far from being a museum as you can get." He adds that the plan is to furnish the center with a mix of reproductions and antiques.

One of the areas selected by a donor is the warming/reception area off the large

first floor center hall. A room-size nook with one of the house's seven fireplaces, it will have fireside chairs, and—above the terracotta mantel—a large painting depicting General Grosvenor's military coat of arms.

The work shows the general's induction and successive promotions up to brigadier general as well as the Civil War battles he fought in. The painting is a gift of Mrs. Grosvenor McKee, widow of the general's grandson.

A second floor bedroom, now the assistant alumni director's office, has been chosen by Mrs. Annette Reider as a memorial to her husband, Robert '39, a member of the alumni board in the late 1960s.

Other gifts have already been designated for a garden behind the center, and, thanks to the Chillicothe Regional Coordinating Council, all three main rooms—the library, parlor and dining room—will be set off by room-size oriental rugs.

As a first step in the refurbishing effort, a committee with Will and Ann Konneker, Mrs. Claire Ping, Director of Development Jack Ellis and Alumni Director Adams as members worked with a Cincinnati firm to come up with water-color renderings of how the rooms might look when completed.

"We want to strike the right note of hospitality so that everyone will feel welcome," Adams says. "That's the whole idea behind the center—to help us keep in touch with our alumni and friends."

Now, Bob Axline and Glen Corlett of the National Alumni Board are heading the Konneker Alumni Center Challenge to raise \$200,000 to help with the refurbishing and create an endowment for upkeep and utilities. The Konnekers have pledged \$1 for every \$2 raised in the campaign, up to a total of \$100,000.

The house, spiffed up to the nth degree or not, will be open this fall before and after Bobcat games, so that alumni can drop by, have a cup of coffee and catch up on campus news. Class reunion and Alumni College receptions, National Board meetings, development office functions and special presidential gatherings will all find a home in the center.

After the spring *Today* reported that the Konnekers had bought the former Grosvenor House for use as the University's first alumni center, more than 100 alumni who brought sons and daughters to campus fall quarter stopped by to inspect it. "That's about a 110 percent increase over the numbers who sought us out in other years," Adams says.

A mailing will go out this spring with the details of the Konneker Challenge and the various ways donors will be recognized. A main goal is to enlist 100 donors of \$1,000 gifts who will become Ewing Benefactors. The Directors Club will recognize donors of \$500-\$999 gifts, while the Legacy Ledger will list names of those donating \$100 to \$499.

Anyone wanting to speed the refurbishing process along by donating appropriate art, antiques, books or mementos doesn't have to wait to be asked. Response so far proves that this is a project with wide appeal. If you're interested, write the Alumni Association, 52 University Terrace, or the Development Office, McGuffey Hall, Athens 45701.

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